

# Label: "FOIA 166"

**Created by:** [wlellis@usgs.gov](mailto:wlellis@usgs.gov)

Total Messages in label: 5 (1 conversations)

Created: 07-31-2017 at 15:32 PM



# Conversation Contents

## Upcoming Dan Fagre meeting with Mark Zuckerberg

**"Ball, Lianne" <lball@usgs.gov>**

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**From:** "Ball, Lianne" <lball@usgs.gov>  
**Sent:** Thu Jun 22 2017 15:26:49 GMT-0600 (MDT)  
**To:** Anne-Berry Wade <abwade@usgs.gov>, Anne Kinsinger <akinsinger@usgs.gov>, "Puckett, Catherine" <cpuckett@usgs.gov>, Claudia Regan <cregan@usgs.gov>, William Lellis <wlellis@usgs.gov>  
**CC:** Colette Charbonneau <ccharbonneau@usgs.gov>, Suzanna Soileau <ssoileau@usgs.gov>, Melanie Steinkamp <msteinkamp@usgs.gov>, Daniel Fagre <dan\_fagre@usgs.gov>, Steven Hilburger <shilburger@usgs.gov>, Justin Pressfield <jpressfield@usgs.gov>, Ryan McClymont <rmcclymont@usgs.gov>  
**Subject:** Upcoming Dan Fagre meeting with Mark Zuckerberg

Hi AB,

Steve Hilburger just told Melanie Steinkamp and me that Facebook founder Mark Zuckerberg has scheduled a meeting with Dan Fagre in July. That's great! In Ecosystems he's funded by the Environments Program, and Melanie is the PC.

Steve said that Anne has some talking points that could be helpful to get ahead of some of the things folks need to get ahead of.

We'll coordinate with Anne to get those ideas to NOROCK.

Thanks,

Lianne

--

Lianne Ball, Ph.D.  
Science Adviser, Environments Program  
US Geological Survey  
12201 Sunrise Valley Dr  
Mail Stop 301  
Reston, VA 20192

Ph (703) 648-4028

However beautiful the strategy, you should occasionally look at the results *Winston Churchill*

**"Lellis, William" <[wlellis@usgs.gov](mailto:wlellis@usgs.gov)>**

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**From:** "Lellis, William" <[wlellis@usgs.gov](mailto:wlellis@usgs.gov)>  
**Sent:** Sun Jun 25 2017 14:41:38 GMT-0600 (MDT)  
**To:** "Ball, Lianne" <[lball@usgs.gov](mailto:lball@usgs.gov)>  
**Subject:** Re: Upcoming Dan Fagre meeting with Mark Zuckerberg

What is the meeting about?

William Lellis  
Deputy Associate Director, Ecosystems  
U.S. Geological Survey  
12201 Sunrise Valley Drive, MS-300  
Reston, VA 20192  
Office: 703-648-4061  
Cell: 571-425-0307  
[wlellis@usgs.gov](mailto:wlellis@usgs.gov)

On Thu, Jun 22, 2017 at 5:26 PM, Ball, Lianne <[lball@usgs.gov](mailto:lball@usgs.gov)> wrote:

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## "Ball, Lianne" <lball@usgs.gov>

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**From:** "Ball, Lianne" <lball@usgs.gov>  
**Sent:** Mon Jun 26 2017 05:14:28 GMT-0600 (MDT)  
**To:** "Lellis, William" <wlellis@usgs.gov>  
**Subject:** Re: Upcoming Dan Fagre meeting with Mark Zuckerberg

Zuckerberg is interested in public lands...a facebook employee contacted a friend at Glacier NP who said to contact Dan

On Sun, Jun 25, 2017 at 4:41 PM, Lellis, William <[wlellis@usgs.gov](mailto:wlellis@usgs.gov)> wrote:

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## **"Lellis, William" <wlellis@usgs.gov>**

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**From:** "Lellis, William" <wlellis@usgs.gov>  
**Sent:** Mon Jun 26 2017 06:19:53 GMT-0600 (MDT)  
**To:** "Ball, Lianne" <lball@usgs.gov>  
**Subject:** Re: Upcoming Dan Fagre meeting with Mark Zuckerberg

Is that the right level of engagement to discuss public lands?

William Lellis  
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[wlellis@usgs.gov](mailto:wlellis@usgs.gov)

On Mon, Jun 26, 2017 at 7:14 AM, Ball, Lianne <[lball@usgs.gov](mailto:lball@usgs.gov)> wrote:

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**"Ball, Lianne" <lball@usgs.gov>**

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**From:** "Ball, Lianne" <lball@usgs.gov>  
**Sent:** Mon Jun 26 2017 06:25:06 GMT-0600 (MDT)  
**To:** "Lellis, William" <wlellis@usgs.gov>  
**Subject:** Re: Upcoming Dan Fagre meeting with Mark Zuckerberg

AB told Anne about it so you'd need to ask her

On Mon, Jun 26, 2017 at 8:19 AM, Lellis, William <[wlellis@usgs.gov](mailto:wlellis@usgs.gov)> wrote:  
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Applegate, David &lt;applegate@usgs.gov&gt;

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## Glacier story now in Washington Post

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**David Applegate** <applegate@usgs.gov>

Thu, Jul 20, 2017 at 8:08 PM

To: William Werkheiser &lt;whwerkhe@usgs.gov&gt;, Judy Nowakowski &lt;jnowakowski@usgs.gov&gt;

Primary focus on park superintendent...

<https://www.washingtonpost.com/news/powerpost/wp/2017/07/20/climate-experts-pulled-from-glacier-national-park-tour-with-facebook-ceo-mark-zuckerberg/>

-----  
David Applegate, Ph.D.  
Acting Deputy Director  
U.S. Geological Survey  
12201 Sunrise Valley Drive MS 111, Reston VA 20192  
703 648 6600 voice, 703 648 7031 fax  
[applegate@usgs.gov](mailto:applegate@usgs.gov)





Applegate, David &lt;applegate@usgs.gov&gt;

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## USGS in The News, 7-18-17

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**Applegate, David** <applegate@usgs.gov>  
 To: Anne Kinsinger <akinsinger@usgs.gov>

Tue, Jul 18, 2017 at 2:43 PM

Got it. Thanks! This came up at Director's staff and Water & Science. Does seem that the unpunctuated Comms folks are on top of it. Betsy said it appeared in The Hill.

-----  
 David Applegate, Ph.D.  
 Acting Deputy Director  
 U.S. Geological Survey  
 12201 Sunrise Valley Drive MS 111, Reston VA 20192  
 703 648 6600 voice, 703 648 7031 fax  
[applegate@usgs.gov](mailto:applegate@usgs.gov)

On Tue, Jul 18, 2017 at 9:15 AM, Anne Kinsinger <akinsinger@usgs.gov> wrote:  
 Comms not comma

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 Anne E. Kinsinger  
 Associate Director for Ecosystems  
 US Geological Survey  
 12201 Sunrise Valley Drive  
 Reston, VA 20192  
 703-648-4050  
 571-212-6898 (cell)

On Jul 18, 2017, at 8:59 AM, Applegate, David <applegate@usgs.gov> wrote:

I hadn't heard anything about this. Had you?

<https://mic.com/articles/182356/exclusive-trump-administration-pulled-top-climate-expert-from-mark-zuckerbergs-national-park-visit#.vnEuF8BWD>

-----  
 David Applegate, Ph.D.  
 Acting Deputy Director  
 U.S. Geological Survey  
 12201 Sunrise Valley Drive MS 111, Reston VA 20192  
 703 648 6600 voice, 703 648 7031 fax  
[applegate@usgs.gov](mailto:applegate@usgs.gov)

----- Forwarded message -----  
 From: **Bruno, Rebecca** <rbruno@usgs.gov>  
 Date: Tue, Jul 18, 2017 at 8:01 AM  
 Subject: USGS in The News, 7-18-17  
 To: Rebecca Bruno <rbruno@usgs.gov>

<image.png>

These are the latest items from the Office of Communications that reflect some of the USGS mentioned in the news, media, and blogosphere. USGS in The News is strictly an internal document.

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## TODAY'S NEWS

### [In the Grand Canyon, uranium mining threatens a tribe's survival](#)

The mining company plans to drill down 1,475ft to extract high-grade ... Called Canyon Mine, it sits 45 miles east of Supai Village as the crow flies, and six .... Clark added that the USGS monitoring well is not deep enough to monitor ...

### [Why North Korea Is An Untapped Goldmine For Tech Companies, And For China](#)

...Between January and September 2016, China exported 35,200 tons of rare-earth materials, [a 50% increase](#) (PDF) compared to the same period in 2015, according to the USGS...

### [Massive Florida sinkhole destroys homes](#)

...in Florida. More than 3500 spread across the state. According to the United Statesgeological survey over the last 15...

### [Barite Concentrate from Surprise Creek VMS Test far exceeds API Standards - Cu Grade 26.2% at 70.5% recover...](#)

...After all we are talking about a mineral which according to the 2016 USGS report on Barite sells for an average of \$198 f.o.b. mill with industry relying on imports for 78% of its needs...

### [Climbing Moss Cliff In The Wilmington Notch – Adirondack Explorer](#)

...The name probably comes from a misreading of the 1953 USGS topographical map that put the unflattering label on a dirty slab about a mile to the west of the clean and elegantly sculpted wall that we now call Moss Cliff...

### [Bikepacking and Bikefishing the Swift Diamond River](#)

...I wasn't able to locate a current map for the area, except for the USGS maps on Caltopo and Gaia, which I suspect are at least 30 years out of date. Dartmouth College manages the area, but publishes very little information about it....

### [Massive Alaska quake sparks tsunami warning near Russia...](#)

...On Twitter, the center confirmed that it was not expecting tsunami conditions to impact North American coasts. The quake was initially estimated at 7.4 but USGS revised its estimate to 7.7.

DOI-USGS-17-0238-A, B, C-000011

## [No tsunami threat to Hawaii after 2 big quakes off Russia...](#)

...A 7.7 magnitude natural disaster struck Monday evening off Russia's Kamchatka Peninsula. The epicenter of the magnitude-7.7 natural disaster was located about 123 miles (199 km) east-southeast of Nikol'skoye, Russia, according to the USGS....

## [Geology professor analyzes Lincoln earthquakes](#)

...Hubbard told NBC Montana the USGS and Bureau of Mines will continue to monitor the seismic activity around Lincoln to determine whether to place more seismic stations in the area...

## [What really is the crest? Flooding terminology made ...](#)

...Datum point: Possibly the most difficult term to understand. Due to varying heights of river and lake bottoms, the United States Geological Survey and the National Weather Service use a datum point to measure the heights of rivers....

## [A Fishing Guide's Perspective on Mining in the Menominee](#)

...2017 has been a perfect example of this shift. We were forced to cancel more guide trips in the month of June than we have in the entire existence of our business combined, all due to the fact that the river was at or above USGS flood stage on several separate occasions. In 2016, Northwestern Wisconsin experienced one of the worst flood events on record...

## [Egypt to launch new oil exploration tender by end o...](#)

...Egypt has a proven reserve of six billion barrels of crude oil, 23 billion barrels of equivalent gas in the Red Sea, and eight billion of gas and shale oil, according to United States Geological Survey (USGS).

...

## [USGS Historical Topographic Map Explorer](#)

When looking for old mines in the US I've found that the USGS Historical Topographic Map Explorer can be a useful tool. When you go to an area of ...

## [Seismic safety wins a round in Trump budget battle](#)

...A separate congressional subcommittee, which oversees the Department of the Interior, said last week that the U.S. Geological Survey should be allowed to continue receiving the same \$10.2 million the earthquake early warning system received in the last budget....

## [Communication matters with spatial data](#)

...Dr. Anderson was a research scientist and executive with the U.S. Geological Survey (USGS) for 35 years and is now the executive director of CaGIS and a faculty member of the College of Charleston...

## [Exclusive: Trump administration pulled top climate expert from Mark ...](#)

DOI-USGS-17-0238-A, B, C-000012

climate change expert at the United States Geological Survey was set to join Facebook's Mark Zuckerberg in Montana last weekend to discuss the impact of global warming at Glacier National Park, but two sources with knowledge of the matter say the scientist was pulled from the visit by the U.S. Department of Interior just days before the event....

### 'At the end of the day ... the water had to go somewhere'

Along with the drone, USGS hydrologists from the New York Water Science Center installed 14 water-elevation measuring devices along 150 ...

### Makeup aimed at young girls found to contain 'deadly poison'

Asbestos, if ingested or inhaled, will remain in the body and can cause cancer and other deadly diseases. (Source: USGS). prev. next.

### Red Cross assesses Findlay damage

The state could also send in its own assessment teams in coming days. ... *United States Geological Survey*, last week's storm was a 100-year ...

### Burn ban to begin next week

In the past week, Bell County has seen an average of .44 inches of rain, according to data collected by the *United States Geological Survey* ...

### Leahy: Vermont to receive grant to fight white nose syndrome

U.S. Senator Patrick Leahy says that the ... U.S. Fish and Wildlife Service, the *U.S. Geological Survey* and other ...

### NETL Researchers Use Advanced Techniques to Identify Rare Earth ...

The *United States Geological Survey* and the Electric Power Research Institute have both signed memorandums of agreement with NETL ...

### Lawmakers to dig deep on energy, environment spending bills

Spending for state and tribal categorical assistance grants would be left ... Park Service, Fish and Wildlife Service, and *U.S. Geological Survey*.

## PAST NEWS/CONTINUING COVERAGE

### Officials don't know when Florida sinkhole will stop growing

...Pennsylvania - where sinkholes are most likely to occur, according to the U.S. Geological Survey. Contributing: The...

### CNY students to investigate health of Onondaga Lake watershed

...and individuals participating include: Montezuma Audubon Center, U.S. Geological Survey, OBG, Parsons, Anchor QEA,...

## [Analysis | The Energy 202: Trump gets one thing right when it comes to energy and Russia](#)

...off after taking a swim in the Chukchi Sea in Alaska. (Brian Battaile/U.S. Geological Survey via AP, File)...

## [Immersed In Nature On The Quinebaug Water Trail](#)

...tackling the trail. Water flow is measured in cubic feet per second. The United States Army Corps of Engineers, on whose land the trail...

## [Exclusive: North Korea may have more bomb fuel than though](#)

...and released on July 14, 2017. Courtesy Thermal data available from the USGeological Survey/38 North/Handout via REUTERS It...

## [Slowing wetland loss, chronic flooding, and more in this week's Louisiana coastal news](#)

...| The Times-Picayune coastal reporter Mark Schleifstein talk about a new U.S.Geological Survey study that says the...

## [SCIENCE: 5 things to know about the iceberg](#)

...but human activity may have contributed to its calving nonetheless. ASA/U.S.Geological Survey Landsat An iceberg the...

## [Check out Silicon Valley growing – and the North Pole melting – from space](#)

...says on the site. "The majority of the images come from Landsat, a joint USGS/NASA Earth observation program that has observed the Earth...

## [Days and nights babysitting a fitful Alaska volcano](#)

...a year. The observatory, established in 1988, is jointly run by the U.S. Geological Survey, the University of...

## [USGS Historical Topographic Map Explorer](#)

When looking for old mines in the US I've found that the **USGS** Historical Topographic Map Explorer can be a useful tool. When you go to an area of ...

## [Trump Plan Would 'Reduce or Eliminate' Important Data Ac...](#)

A USGS email alert to international scientists says a wide range of research areas would be hit, including work on flood risks, wildfires and climate change....

## [Tracking the latest moves of Kilauea and Mauna Loa](#)

In fact, the USGS Hawaiian Volcano ...

## [Flood warning posted for Batavia creek; others are rec...](#)

...Meanwhile, water levels in Cayuga Creek in Lancaster were at 5.56 feet as of 7:30 a.m. Friday, according to the USGS. Flood stage for that spot is 8 feet, according to the agency...

## [Smithsonian / USGS Weekly Volcanic Activity Report](#)

The Weekly Volcanic Activity Report is a cooperative project between the Smithsonian's Global Volcanism Program and the US Geological Survey's ...

## [Earthquakes kill — but they also give us life](#)

...Dr. Eric Force is an esteemed professor of geosciences at the University of Arizona at Tucson and a retired United States Geological Survey (USGS) geologist ...

## [Scientists say Conowingo dam no longer stopping pollution...](#)

..."I wouldn't so much say it's worse than we thought," said Robert M. Hirsch, a research hydrologist with the U.S. Geological Survey. "It's come upon us sooner than we thought it would."...

## [In the Grand Canyon, uranium mining threatens a tribe's su...](#)

... The company follows state and federal environmental regulations, he added, and the United States Geological Survey is [drilling](#) a monitoring well....

## [Warning system gets the early drop on drought](#)

A new early warning system developed by two nationally recognized centers at the University of Nebraska-Lincoln, along with the U.S. Geological Survey...

## [How Dams Deprive the World's Rivers of Sediment](#)

..."We've seen a big expansion of coast landforms," says Jonathan Warrick, a research geologist with the US Geological Survey who studies the after-effects of the dam removal...

## [How post-storm conditions complicated a toddler's resc...](#)

...[Charts from the U.S. Geological Survey](#) station on the Schuylkill also indicate the river was flowing at 6,000 cubic feet per second on Saturday — roughly six times the normal rate, said Horvat. ...

## [11 unique trips to take before your child turns 11](#)

...As you're planning your trip, you can keep up to speed on the volcanic activity with United States Geological Survey [reports](#) from the Hawaii Volcano Observatory...

## [A new novel imagines a partially submerged New Yo...](#)

...While researching his book, Robinson used topographical maps from the US Geological Survey and then visited New York with a tourist map to try to work out which parts of the city would be permanently under water, which parts of the city would be intertidal (that is, under water only some of the time) and which parts would still be dry land...

### [Hundreds of US streams are mainly wastewater](#)

The model captures the details of seismic hazard in the state better than any before it, say Edward Field of the US Geological Survey in Denver, ...

### [Water damage in Sewell NJ, Flood damage in Swedesbor...](#)

...Among all weather-related natural disasters, floods have been both the most common and most costly in the United States, according to the U.S. Geological Survey....

### [USGS Well Testing Program in Commissioners' Sights – Again](#)

The U.S. Geological Survey well testing contract with Geauga County was revisited July 11 during the county planning commission meeting...

### [Very high threat' Earthquakes spark fears US supervolcano about to ...](#)

An incident report from the USGS (above) shows there were at least 16 tremors – with a magnitude up to 2.7 – in the area today alone. They are ...

### [Volcano Watch: New map reveals geologic history of Mauna Loa ...](#)

... known as “Mr. Mauna Loa”), who is now retired from USGS and HVO, and Frank Trusdell, HVO's current Mauna Loa Project geologist.

### [After Antarctica sheds a trillion-ton block of ice, the world asks: Now what?](#)

...south side holds back 11 inches of equivalent sea level rise. This NASA/USGS animation shows the crack in the Larsen C ice shelf growing...

### [Polar bears hurt by climate change are more likely to turn to a new food source - humans](#)

...or theorized about how polar bears adapt to changing conditions. The U.S. Geological Survey concluded that declining...

### [5 dangers to be aware of after a flood strikes](#)

...the most common and most costly in the United States, according to the U.S. Geological Survey. They can create billions...

### [Volcano Watch: New map reveals geologic history of Mauna Loa Volcano's northeast flank](#)

The work was spearheaded by John P. Lockwood (affectionately known as ...

### [More than 150 earthquakes strike near Mammoth Lakes](#)

DOI-USGS-17-0238-A, B, C-000016



...The historically restless Mammoth Lakes area has experienced more than 150 tiny and small earthquakes over the past week, including a magnitude 3.0 temblor that hit at 7:13 p.m. on Monday, says the USGS....

### [NASA Images Show Gradual Separation of Massive New ...](#)

...The animation above includes images going back to 2006, collected by NASA and the United States Geologic Survey's Landsat satellites...

### [Matt Dickerson: Glacier National Park Diaries 3, Learning about Cutthroat trout](#)

The first interview will be with United States Geological Survey (USGS) ...

### [MGX Minerals Receives Bureau of Land Management Approval of the Blueberry Unit Covering 80,000 Acres ...](#)

The Paradox Basin has been noted by the USGS as having one of the ...

### [America the Unique: Celebrating Our True Nation...scroll down](#)

...“No other canyon in North America combines the depth, narrowness, sheerness, and somber countenance of the Black Canyon,” Wallace R. Hansen wrote in a 1965 U.S. Geological Survey publication...

### [Slow Earthquakes Occur Continuously in the Alaska-A...](#)

...The study was supported by grants to Ghosh from the National Science Foundation-Division of Earth Sciences, EarthScope, the United States Geological Survey, and the Alaska Volcano Observatory...

### [Determining the Drought Monitor](#)

The U.S. drought monitor continues to get worse for most of North Dakota. But where does that information come from and how does it get compiled?...

### [What is evapotranspiration?](#)

The United States Geological Survey scientifically defines the term evapotranspiration as the sum of the evaporation and plant transpiration from the Earth's land and ocean surface to the atmosphere...

### [Out of the wildfire and into the flood - Arizona Summer 2017](#)

...Over the past several years, AZGS has worked with US Geological Survey researchers to assess geomorphic responses (no response/flood/debris flow) of burned basins to rainfall events...

### [Michigan Tech's Cloud Chamber Answers Critical Qu...](#)

While you might think clouds weigh next to nothing, the average cumulus cloud with a volume of 1 cubic kilometer located 2 kilometers above Earth weighs around 551 tons, according to the US Geological Survey...

## [Dam undamaged by weekend earthquake](#)

...According to the United States Geological Survey website, a magnitude 5.8 earthquake shook Montana, with an epicenter northwest of Helena...

## [Sea spider respiration is a gut issue](#)

The model captures the details of seismic hazard in the state better than any before it, say Edward Field of the US Geological Survey in Denver, ...

## [How To Read the USGS Montana Earthquake Map and Not Go Crazy](#)

After an earthquake, the United States Geological Survey (USGS) gathers seismic data into an interactive map. These maps often look so crazy ...

## [VOLCANO WATCH: Mauna Loa Volcano's NE Flank Mapped](#)

The work was spearheaded by John P. Lockwood (affectionately known as "Mr. Mauna Loa"), who is now retired from USGS and HVO, and ...

## [Look ! It's Silicon Valley from outer space!](#)

"The majority of the images come from Landsat, a joint USGS/NASA Earth observation program that has observed the Earth since the 1970s.

## [Louisiana land loss, while slowing, still a football field every 100 minutes](#)

Louisiana's [fragile coastline](#) receded at a significantly slower rate -- an average of a football field every 100 minutes -- between 2010 and 2016, according to a study released Wednesday (July 12) by the [U.S. Geological Survey](#).

## [A 1.1-trillion-ton iceberg has broken off Antarctica, and scientists say it's one of the largest ever recorded](#)

...to be named A68, is described as weighing 1 trillion tons (1.12 trillion U.S. tons).(John Sonntag/NASA via AP) less...

## [TerraGo Software Utilized for Official Guide to Hong Kong](#)

...with notes and photos, and then share them with friends. "Much like the USGSChose GeoPDF for sharing maps of the American landscape with...

## [USGS, FEMA assessing Lake Ontario flooding impact](#)

...U.S. Geological Survey scientists are using drones, radar and water-pressure sensors to track the effects of flooding along the Lake Ontario shoreline to help emergency managers track and respond to historic levels of flooding....

## [Off the coast of North Korea was a strong quake](#)

...A magnitude-6.0 quake was detected off North Korea's east coast Thursday (local time), Reuters quoted the U.S. Geological Survey as saying...

## Communication matters with spatial data

... Lynn Usery is a senior scientist of the U.S. Geological Survey (USGS) and director of the Center of Excellence for Geospatial Information Science...

## Washington's forgotten volcano before St. Helens

...But by the early spring of 1976, Dr. Richard S. Fiske of the USGS told the Seattle Times that a "major eruption or mudflow 'seems less likely' than it did a year ago."...

## Case: You can't forget that bears are dangerous

...In 1978 Cynthia Dusel-Bacon was severely mauled by a black bear in the Yukon region of Alaska. She lost both of her arms as a result of the attack but recovered and went on to resume her career as a geologist with the U.S. Geological Survey....

## Defying Trump, House panel is expected to propose restoring...

...A seismic early warning system for the West Coast has been under development for years by the U.S. Geological Survey, the nation's lead earthquake monitoring agency...

## Recent collapses at the Kamokuna ocean entry underscore on-going hazard

In early February, USGS Hawaiian Volcano Observatory staff working in the...

## Responding to Regulatory Reform Initiatives

In its comments to the DoC, PCTC wrote: In summary, PCTC has made sure that USGS management is aware of the demonstrable flaws, ...

## Yellowstone supervolcano eruption would bury most o...

...However, experts at the *U.S. Geological Survey* (USGS) downplayed the prospect of a large-scale eruption, stating that the **current volcano alert level remains normal** and that the volcano is in a non-eruptive state...

## Study maps huckleberries across western forests

... Shores is working with U.S. Geological Survey research ecologist Tabitha Graves to study the distribution, productivity, and phenology of huckleberries, which comprise 15 percent of bear diets in Glacier National Park....

## Surviving a Tsunami in the United States

...That's what really does a lot of damage to a lot of structures," said U.S. Geological Survey Research Geophysicist Eric Geist. "A wave as low as ... one-and-a-half feet **could knock somebody down.**"

## [A better forecast for complex quakes](#)

...The model captures the details of seismic hazard in the state better than any before it, say Edward Field of the US Geological Survey in Denver, Colorado, and his colleagues....

## [The Highs & Lows of Highpointing the USA](#)

...I turned and saw the soft bronze disk, weathered but legible, fixed firmly into the stone face: 'Mount Rogers: 5729 - United States Geological Survey'...

## [MetalNRG Plc - Investment in US Cobalt Opportunity](#)

The potential prospectivity of the US Cobalt Columbia Pass project is demonstrated quite clearly through US Geological Survey reports ...

## [Belhaven Creek overflows in torrential rains, flooding nearby homes](#)

...Laurel Park, across the street, was underwater. Cote monitors the level of...

## [USGS Well Testing Program in Commissioners' Sights – Again](#)

The U.S. Geological Survey well testing contract with Geauga County was revisited July 11 during the county planning commission meeting....

## [USGS to conduct dye test to track Sandusky River flow](#)

The U.S. Geological Survey plans to conduct a dye study Tuesday on the Sandusky River. The USGS will inject Rhodamine WT ...

## [After Antarctica sheds a trillion-ton block of ice, the world asks: Now ...](#)

This NASA/USGS animation shows the crack in the Larsen C ice shelf growing from 2006 to 2017. (NASA/USGS Landsat) ...

## [New Hawaii Lava Flow Maps Rendered](#)

HAWAII VOLCANOES NATIONAL PARK - As the June 26 breakout continues to advance across the coastal plain, USGS scientists map the ...

## [MGX Minerals Receives Approval to Unitize Oil and Gas Leases For ...](#)

The Paradox Basin has been noted by the USGS as having one of the largest undeveloped oil and gas fields in the United States ("Assessment of Oil and Gas ...

## [Why calm methane lakes matter for NASA missions to Saturn's ...](#)

... colorized mosaic using data from Cassini's radar instrument shows some of Titan's northern lakes and seas. (NASA/JPL-Caltech/ASI/USGS).

## [USGS Researching Ontario's Receding Shoreline](#)

...Service Water Specialists of Ithaca and Research Oceanographers from the United States Geological Survey team are conducting research in Greece...

### [Brookmount Explorations, Inc. Enters into Negotiations for Exclusive Licensing Rights for Industry Changing Proprietary Diluent Enhancement Technology for Heavy Oil](#)

...as both above and in-ground applications for Canada. According to the U.S. Geological Survey Energy Program, there are...

### [Former Texas Comptroller Susan Combs nominated by Trump for assistant Interior secretary | Politics](#)

...lands, including national parks. The U.S. Fish and Wildlife Service, U.S. Geological Survey and the Bureau of Indian...

### [First-person 'Walden' game plumbs Thoreau's deliberate living](#)

...faithful reproduction of Walden Pond and its surroundings, derived from U.S. Geological Survey data and Thoreau's own...

### [As sea ice gets scarcer, polar-bear attacks on people become more frequent](#)

... "It's a perfect storm of conditions," said York, formerly with the U.S. Geological Survey in Anchorage and now with...

### [\\$300M for Great Lakes in U.S. House budget bill](#)

...The bill also funds the Department of the Interior, including the National Park Service (NPS), the U.S. Fish and Wildlife Service (FWS), the U.S. Forest Service, U.S. Geological Survey (USGS), Bureau of Land Management (BLM) and the Smithsonian Institution...

## Facebook

## USGS

Open Sesame! While these gates might look similar to the entry way of a medieval castle, they are actually part of a scientific experiment that will help scientists at USGS Leetown Science Center's S.O. Conte Anadromous Fish Research Laboratory design more effective fish passage structures.

Over the years, rivers and streams have been blocked by dams and other barriers to fish. These barriers, combined with habitat degradation and overfishing, have led to population declin...

[See More](#)

We can't see bugs from space (thankfully), but today's [Landsat](#) images show us the damage they can inflict on a forest. Landsat 8 captured imagery that shows defoliation caused by a gypsy moth outbreak. Frequent monitoring to assess gypsy moth impacts is a valuable area of Landsat time-series research. During our month-long focus on mapping, we'll be posting a daily image from the Image of the Week archive at [eros.usgs.gov](#). Come on over to see more images, or go here to learn more about Landsat: [landsat.usgs.gov](#) See the original post here: <https://on.doi.gov/2vv1Ugj> [#USGS](#) [#Science](#) [#SatelliteImagery](#) [#Mapping](#)

## USGS

Historic Maps: What is the oldest USGS topographic map and what area did it cover? To find the answers and more information about mapping the Nation, check out the Historical Topographic Map Collection Story Map. The interactive includes a short summary of USGS mapping history, scans of the oldest maps, descriptions of map style, geographic changes over time and the importance of scale. <http://arcg.is/2vadIFq>

## USGS

Today's Image from [Landsat](#) is in the desert Southwest. Lake Mead, which supplies water to 25 million people, fell to historic low levels in 2016 because of years of drought. Landsat provides valuable information to the region that relies on water from this reservoir. During our month-long focus on mapping, we'll be posting a daily image from the Image of the Week archive at [eros.usgs.gov](#). Come on over to see more images, or go here to learn more about Landsat: [landsat.usgs.gov](#) [#USGS](#) [#Science](#) [#SatelliteImagery](#) [#Mapping](#) [#LakeMead](#)

## USGS

Happy Saturday! Today's Landsat Image of the Day takes us to the deserts of Saudi Arabia. Starting around 1988, green circles began appearing in the desert of Saudi Arabia. These farm fields are irrigated by groundwater deep beneath the desert sand. Farming techniques may fluctuate there as available groundwater becomes less feasible to obtain. [Landsat](#) will continue to see how the changes in farming techniques affect the landscape.

## Twitter

### USGS

Watch [#Landsat](#) LIVE with the new [#EarthNow!](#) Image Viewer. <https://on.doi.gov/2sml0Eu> [#Landsat45](#)

### USGS

Historical Topographic Map Collection Story Map: [@USGS](#) [#mapping](#) history, scans of the oldest maps, etc. <http://arcg.is/2vadIFq> [@esri](#) [#GIS](#)

## USGS

[FAQ] Is there a difference between **#3DEP** DEM data and lidar data?  
<https://on.doi.gov/2u1fXuy> **#mapping**

## USGS

USGS represented at 2017 International Cartographic Conference in Washington, DC  
<https://on.doi.gov/2tUYOTi> **#mapping #3DEP**

## USGS

Mystery Haze of 1950 in Honolulu: vog by another name would look as clear  
<https://on.doi.gov/2tUZasM> area covered 1,200,000 sq mi **#MagmaMonday**

## Corecast / YouTube /Vimeo

### Determining the Drought Monitor

The U.S. drought monitor continues to get worse for most of North Dakota. But where does that information come from and how does it get compiled?...

### What happens when a tarantula meets its worst pre...

Tarantulas are incredibly fearsome and intimidating, but it's not at the top of its food chain. [The footage](#) was captured by USGS Ecologist Todd Esque in Mexico...

### VIDEO: Swarm of 28 quakes strike Truckee area

Twenty-eight small earthquakes hit just outside Truckee Tuesday morning, according to the United States Geological Survey...

### VIDEO: Delta Collapse Produces New Lava Breakouts At Ocean

On Monday, the scientists with the ...

### UPDATE: Are 770 Earthquakes at Yellowstone in Past Two Weeks ...

...The United States Geological Survey (USGS) produced a [study](#) in 2014, predicting that an eruption at Yellowstone would cover most of the US in a layer of ash with some areas being buried up to a meter deep...

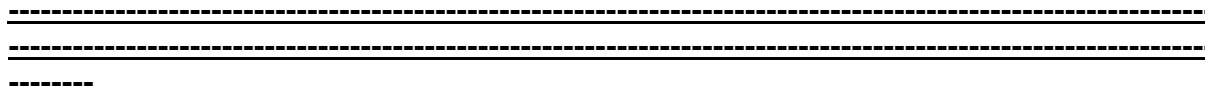
### VIDEO: Senators Question Cuts To National Parks, LWCF, USGS

DOI-USGS-17-0238-A, B, C-000023

WASHINGTON D.C. - A \$1 billion reduction to the Department of Interior budget proposes cuts to the NPS and other federal government ...

[Central Florida drought helped rivers, lakes, but rainy season could make a mess](#)

... Image from sample taken for USGS investigation of harmful algae in Lake Okeechobee in 2016....



Visit [USGS.gov](http://USGS.gov) for all USGS science information.  
Please email any URLs of articles or news links to [Rebecca Bruno](mailto:Rebecca Bruno) at [rbruno@usgs.gov](mailto:rbruno@usgs.gov) for posting. Entries are posted daily or the next business day.

If you would like to stop receiving this via email, please let us know by sending an email to [officeofcomm@usgs.gov](mailto:officeofcomm@usgs.gov) and we'll remove your email from the list within 30 days. For immediate removal, you can unsubscribe from the Communications website at: <http://internal.usgs.gov/communications/listservers/> and be sure to check "USGS in the news" and hit the "Unsubscribe" button.





Pressfield, Justin <jpressfield@usgs.gov>

**Betsy: Important -- Wash Post to call me (GNP) -- talked to Dan Fagre briefly**

**Puckett, Catherine** <cpuckett@usgs.gov> Tue, Jul 18, 2017 at 10:18 AM  
To: Betsy Hildebrandt <bhildebrandt@usgs.gov>, "Pressfield, Justin" <jpressfield@usgs.gov>

Please see below, Betsy. Dan didn't remember that Justin is point.

So I need guidance -- and/or Justin -- Basically, Dan told WP reporter that he was invited, then it was canceled by DOI, he doesn't know why. He referred them to DOI (Heather), they want to talk to USGS.

Catherine

 **Catherine Puckett**  
Deputy Public Affairs Officer  
USGS Office of Communications  
352-377-2469 (O) 352-278-0165 (cell)  
cpuckett@usgs.gov

----- Forwarded message -----  
From: **Fagre, Daniel** <dan\_fagre@usgs.gov>  
Date: Tue, Jul 18, 2017 at 1:04 PM  
Subject: Re: High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)  
To: "Puckett, Catherine" <cpuckett@usgs.gov>  
Cc: Betsy Hildebrandt <betsy\_hildebrandt@fws.gov>, "Pressfield, Justin" <jpressfield@usgs.gov>, Douglas Beard <dbeard@usgs.gov>, Claudia Regan <cregan@usgs.gov>, Anne E Kinsinger <akinsinger@usgs.gov>

Catherine,  
Lisa Rein from Washington Post will be calling you. I spoke to her and referred her to Heather but she wanted to talk to a USGS person. I indicated that I didn't know why my participation was canceled. Other than that, I gave her some information on Glacier Park (where Logan Pass is) and what my research entails.  
Good luck.  
Dan

On Tue, Jul 18, 2017 at 9:55 AM, Puckett, Catherine <cpuckett@usgs.gov> wrote:  
<http://thehill.com/policy/energy-environment/342501-interior-department-cancelled-climate-expert-meeting-with>

 **Catherine Puckett**  
Deputy Public Affairs Officer  
USGS Office of Communications  
352-377-2469 (O) 352-278-0165 (cell)  
cpuckett@usgs.gov

-----  
\*\*\*\*\*

Daniel B. Fagre, Ph.D.

DOI-USGS-17-0238-A, B, C-000025





Pressfield, Justin <jpressfield@usgs.gov>

## Fwd: Facebook Visit to Glacier

**Armstrong, Karen** <karmstrong@usgs.gov>

Fri, Jun 23, 2017 at 10:33 AM

To: "Pressfield, Justin" <jpressfield@usgs.gov>

Cc: Barbara Wainman <bwainman@usgs.gov>, AB Wade <abwade@usgs.gov>, Leslie Jones <ljones@usgs.gov>

Yeah was talking with Scott about it today. Excited to see what comes of it!

k

Karen Armstrong  
 External Communications & Citizen Engagement Officer/Web & Social Media Officer  
 Office of Communications and Publishing  
 U.S. Geological Survey  
[karmstrong@usgs.gov](mailto:karmstrong@usgs.gov)  
 703-648-4447

On Fri, Jun 23, 2017 at 1:19 PM, Pressfield, Justin <jpressfield@usgs.gov> wrote:

Yes and Suzanna is going too to document for social media. She is working with Scott and FB on a plan of action. Seems like they have a good plan going.



**Justin Pressfield**  
 Chief of Communications | Western States  
 U.S. Geological Survey | Department of the Interior  
 Mobile: 916.335.1211 | Office: 916.278.9500

On Fri, Jun 23, 2017 at 7:36 AM, Armstrong, Karen <karmstrong@usgs.gov> wrote:

Wow, pretty cool! Is he going to do it?

Karen

Karen Armstrong  
 External Communications & Citizen Engagement Officer/Web & Social Media Officer  
 Office of Communications and Publishing  
 U.S. Geological Survey  
[karmstrong@usgs.gov](mailto:karmstrong@usgs.gov)  
 703-648-4447

On Thu, Jun 22, 2017 at 3:17 PM, Justin Pressfield <jpressfield@usgs.gov> wrote:

Justin Pressfield  
 US Department of the Interior  
 US Geological Survey  
 Chief of Communications, West  
 Mobile: (916) 335-1211

Begin forwarded message:

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Date:** June 22, 2017 at 11:56:18 AM PDT  
**To:** Daniel Fagre <dan\_fagre@usgs.gov>

DOI-USGS-17-0238-A, B, C-000027

**Cc:** Paul Laustsen <plaustsen@usgs.gov>, Ryan McClymont <rmcclymont@usgs.gov>, Scott Horvath <shorvath@usgs.gov>, Justin Pressfield <jpressfield@usgs.gov>, "Regan, Claudia" <cregan@usgs.gov>

**Subject:** Fwd: Facebook Visit to Glacier

Hi Dan -

Pretty exciting opportunity coming our way. Mark Zuckerberg, CEO of Facebook, is traveling to Glacier and they have asked if you could join them in the field on July 15.

This is an incredible opportunity and I hope that you can make time or have one of your staff be available. See details below and let me know.

Thanks!

----- Forwarded message -----

**From:** **Alley, Lauren** <lauren\_alley@nps.gov>  
**Date:** Thu, Jun 22, 2017 at 12:47 PM  
**Subject:** Re: Facebook Visit to Glacier  
**To:** derickmains@fb.com  
**Cc:** "Suzanna C. Soileau" <ssoileau@usgs.gov>

Derick,

Thanks for getting in touch about this upcoming visit.

I'll be your point of contact for coordinating this trip.

Let's set up a time next week to talk through some of these details. I'm also including USGS Public Affairs Specialist Suzanna Soileau on this email as you asked about including Dan Fagre in the group.

My schedule is fairly open next Monday and Wednesday. Do you have a time that works on either of those days?

**Lauren Alley**  
 Management Assistant  
 Glacier National Park  
 406.888.5838

----- Forwarded message -----

**From:** **Johnson, Kyle** <kyle\_johnson@nps.gov>  
**Date:** Wed, Jun 21, 2017 at 2:49 PM  
**Subject:** Fwd: Facebook Visit to Glacier  
**To:** "Alley, Lauren" <lauren\_alley@nps.gov>, "Austin, Paul" <paul\_austin@nps.gov>

Lauren,

Conferenced with Derick yesterday and this is what he sent me today. Please contact him and let him know you will be the point of contact for the visit.

Thanks for your help.

----- Forwarded message -----

**From:** **Derick Mains** <derickmains@fb.com>  
**Date:** Wed, Jun 21, 2017 at 12:20 PM  
**Subject:** Facebook Visit to Glacier  
**To:** "Johnson, Kyle" <kyle\_johnson@nps.gov>  
**Cc:** Derick Mains <derickmains@fb.com>

DOI-USGS-17-0238-A, B, C-000028

Hi Kyle,

Thanks for the time over the phone yesterday. It was good to catch up.

As I mentioned, as part of a personal challenge for 2017, Mark is spending the year traveling across the country visiting approximately the 30 states he's never been to. In doing so he has several different goals; to get out of his bubble here at Facebook and in Northern California, to visit communities and meet people he wouldn't otherwise wouldn't and most importantly learn. [Here](#) is a story the NY Times did on his travels.

We try to develop themes for the areas and people he meets with. So far, we haven't really done anything around natural resources and people who work to manage public lands. Earlier in the trip he'll be visiting a North Dakota community involved in oil production and thought that a visit to Glacier, where the effects of global warming have been widely documented, would be a good balance.

Mark would like to meet with people involved with the stewardship of the Park. This could include Superintendent Mow, park rangers, park volunteers, someone from the Glacier Institute and someone involved in the study of climate change on the park (someone from the USGS and/or Portland State who worked on [this](#) study). If you are free, I'd like you to attend to be able talk to Mark about your 30 years in the park and your role as a backcountry ranger.

We'd also like to do this meeting a little differently. Rather than at Park HQ in a conference room we'd like to do it in a Jammer heading up the Pass. Thought is to take the meeting outside and talk about the Park in the Park. It would be great to drive up to the Pass, get out and walk the boardwalk to the Hidden Lake overlook. This would give mark the opportunity to informally interact with some of the visitors along with giving us some great photos. Let me know if you have a contact at Xanterra I could talk to about renting a Jammer for the day.

### ***Ideal schedule***

Saturday July 15 (*these times might get pushed back an hour or two*)

**Noon:** Mark arrives Park HQ, greeted by Superintendent Mow

**12:15** Group (people mentioned above) pile into a Jammer and head up the Going to the Sun Road

**12-15 – 1:15:** Drive the GTS to Logan Pass (discussion/meeting along the way)

**1:15 – 2:00:** Hike to Hidden Lake Overlook

**2:15 – 3:15:** Drive to West Glacier (in Facebook vehicle en route to another visit)

### ***Possible attendees***

Superintendent Mow

Chief Ranger Paul Austin

Ranger Kyle Johnson

3-4 Park volunteers (your call here, would be great to have some of the retired folks you mentioned)

Glacier Institute Executive Director Joyce Baltz (or someone else)

USGS Research Ecologist Daniel B Fagre

*\* Happy to have your PIO or social media lead join to document the visit*

Also, it would be great if you could be the liaison with our security team as you've coordinated these types of visits to Glacier.

Let me know what you think of this.

Derick

--  
Kyle Johnson  
US Park Ranger  
Wilderness Specialist  
(406) 888-7838  
[Kyle\\_Johnson@nps.gov](mailto:Kyle_Johnson@nps.gov)

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK



2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

~~~~~  
"Something hidden. Go and find it. Go and look behind the Ranges- Something lost behind the Ranges. Lost and waiting for you. Go!"

Rudyard Kipling, The Explorer

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Pressfield, Justin &lt;jpressfield@usgs.gov&gt;

---

**Fwd: Facebook Visit to Glacier**

---

**Justin Pressfield** <jpressfield@usgs.gov>

Thu, Jun 22, 2017 at 12:17 PM

To: Barbara Wainman &lt;bwainman@usgs.gov&gt;, AB Wade &lt;abwade@usgs.gov&gt;, Karen Armstrong &lt;karmstrong@usgs.gov&gt;, Leslie Jones &lt;ljoness@usgs.gov&gt;

Justin Pressfield  
US Department of the Interior  
US Geological Survey  
Chief of Communications, West  
Mobile: (916) 335-1211

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**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Date:** June 22, 2017 at 11:56:18 AM PDT  
**To:** Daniel Fagre <dan\_fagre@usgs.gov>  
**Cc:** Paul Laustsen <plaustsen@usgs.gov>, Ryan McClymont <rmcclymont@usgs.gov>, Scott Horvath <shorvath@usgs.gov>, Justin Pressfield <jpressfield@usgs.gov>, "Regan, Claudia" <cregan@usgs.gov>  
**Subject:** **Fwd: Facebook Visit to Glacier**

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My schedule is fairly open next Monday and Wednesday. Do you have a time that works on either of those days?

**Lauren Alley**  
Management Assistant

DOI-USGS-17-0238-A, B, C-000032



Glacier National Park  
406.888.5838

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Date: Wed, Jun 21, 2017 at 2:49 PM  
Subject: Fwd: Facebook Visit to Glacier  
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DOI-USGS-17-0238-A, B, C-000033

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3-4 Park volunteers (your call here, would be great to have some of the retired folks you mentioned)

Glacier Institute Executive Director Joyce Baltz (or someone else)

USGS Research Ecologist Daniel B Fagre

*\* Happy to have your PIO or social media lead join to document the visit*

Also, it would be great if you could be the liaison with our security team as you've coordinated these types of visits to Glacier.

Let me know what you think of this.

Derick

--

Kyle Johnson  
US Park Ranger  
Wilderness Specialist  
(406) 888-7838  
[Kyle\\_Johnson@nps.gov](mailto:Kyle_Johnson@nps.gov)

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

~~~~~  
"Something hidden. Go and find it. Go and look behind the Ranges- Something lost behind the Ranges.  
Lost and waiting for you. Go!"

Rudyard Kipling, The Explorer

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Pressfield, Justin &lt;jpressfield@usgs.gov&gt;

---

**Fwd: If inquiries on Mark Zuckerberg visit to Glacier National Park, refer to Justin, copy Catherine**

1 message

**Swanjord, Kent** <knswanjord@usgs.gov>

Mon, Jul 17, 2017 at 10:16 AM

To: SIS-All &lt;gs-do-ocap-sis-all@usgs.gov&gt;

Cc: "Puckett, Catherine" &lt;cpuckett@usgs.gov&gt;, Alex Demas &lt;apdemas@usgs.gov&gt;, Justin Pressfield &lt;jpressfield@usgs.gov&gt;

----- Forwarded message -----

From: **Puckett, Catherine** <cpuckett@usgs.gov>

Date: Mon, Jul 17, 2017 at 1:01 PM

Subject: If inquiries on Mark Zuckerberg visit to Glacier National Park, refer to Justin, copy Catherine

To: GS-DO-OCAP-OC-PA &lt;gs-do-ocap-oc-pa@usgs.gov&gt;

**Justin Pressfield**, [jpressfield@usgs.gov](mailto:jpressfield@usgs.gov), 916-278-9500**Catherine Puckett**, [cpuckett@usgs.gov](mailto:cpuckett@usgs.gov), 352-377-2469**Catherine Puckett**

Deputy Public Affairs Officer

USGS Office of Communications

352-377-2469 (O) 352-278-0165 (cell)

[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

----- Forwarded message -----

From: **Demas, Alex** <apdemas@usgs.gov>

Date: Mon, Jul 17, 2017 at 12:20 PM

Subject: Fwd: Urgent inquiry for timely story

To: Catherine E Puckett &lt;cpuckett@usgs.gov&gt;, Suzanna Soileau &lt;ssoileau@usgs.gov&gt;

FYI

----- Forwarded message -----

From: **Jake Horowitz** <jhorowitz@mic.com>

Date: Mon, Jul 17, 2017 at 12:15 PM

Subject: Urgent inquiry for timely story

To: [apdemas@usgs.gov](mailto:apdemas@usgs.gov)

Alex,

My name is Jake Horowitz, I'm the co-founder of Mic. I'm trying to get in touch because I'm working on an important story surrounding Mark Zuckerberg's trip to Glacier National Park. It's quite timely and I'd like to connect ASAP (also tried texting you).

Do you have a few mins? (914 527 2864)

Thank you  
Jake



Co-founder, Editor-at-large

**Jake Horowitz**

[@jacobdhorowitz](#) | 914-527-2864

--

Alex Demas

U.S. Geological Survey

Public Affairs Specialist

Subjects: Energy & Mineral Resources and Environmental Health

(O) 703-648-4421 (C) 571-335-6535 (F) 703-648-4466 (E) [apdemas@usgs.gov](mailto:apdemas@usgs.gov)

Connect with USGS: [Twitter](#), [Facebook](#), [YouTube](#), and [more!](#)

\* [DOI](#) and [USGS](#) link policies apply.



Pressfield, Justin <jpressfield@usgs.gov>

## Fwd: Media inquiry to Facebook

**Betsy Hildebrandt** <bhildebrandt@usgs.gov>  
To: "Pressfield, Justin" <jpressfield@usgs.gov>

Mon, Jul 17, 2017 at 3:31 PM

Great!

Sent from my iPhone

On Jul 17, 2017, at 6:01 PM, Pressfield, Justin <jpressfield@usgs.gov> wrote:

FYI



**Justin Pressfield**  
Chief of Communications | Western States  
U.S. Geological Survey | Department of the Interior  
Mobile: 916.335.1211 | Office: 916.278.9500

----- Forwarded message -----

**From:** Suzanna Soileau <ssoileau@usgs.gov>  
**Date:** Mon, Jul 17, 2017 at 2:44 PM  
**Subject:** Fwd: Media inquiry to Facebook  
**To:** Justin Pressfield <jpressfield@usgs.gov>, Claudia Regan <cregan@usgs.gov>  
**Cc:** Catherine Puckett <cpuckett@usgs.gov>

FYI

Sent from my phone,

Suzanna

---

**From:** "Alley, Lauren" <lauren\_alley@nps.gov>  
**Subject:** Media inquiry to Facebook  
**Date:** 17 July 2017 15:37  
**To:** Patrick O'Driscoll <patrick\_o'driscoll@nps.gov>,"Barnum, Jeremy" <jeremy\_barnum@nps.gov>,"Suzanna C. Soileau" <ssoileau@usgs.gov>  
All -

I wanted to pass along that I just got a call from Facebook indicating that they had received a call from [mic.com](http://mic.com) inquiring about their visit to the park and the people the park arranged to meet with them.

They provided that they had a great visit and had good conversations with folks about relevant topics including climate change and that they rely on the agency/entity hosting them to come up with the proper configuration of people for Mr. Zuckerberg to meet with.

Facebook does not plan on providing more beyond this to other inquiries.

I thanked Facebook for the heads up.

**Lauren Alley**  
Management Assistant  
Glacier National Park  
406.888.5838

DOI-USGS-17-0238-A, B, C-000038





Pressfield, Justin <jpressfield@usgs.gov>

---

## Fwd: New York Daily News: Cancelled meeting with Zuckerberg

---

**Claudia Regan** <cregan@usgs.gov>

Thu, Jul 20, 2017 at 6:39 AM

To: Suzanna Soileau <ssoileau@usgs.gov>

Cc: jpressfield@usgs.gov, plaustsen@usgs.gov

I'll remind Dan to refer all inquiries, including by email, to DOI.

Thanks Claudia

Sent from my iPhone

[Quoted text hidden]





Pressfield, Justin &lt;jpressfield@usgs.gov&gt;

---

**Fwd: Saturday in Glacier**

1 message

---

**Wade, Anne-Berry** <abwade@usgs.gov>  
To: Justin Pressfield <jpressfield@usgs.gov>

Tue, Jul 11, 2017 at 1:41 PM

A.B. Wade  
USGS Press Officer  
703-648-4483 desk  
703-317-7871 mobile

----- Forwarded message -----

From: **Swift, Heather** <heather\_swift@ios.doi.gov>  
Date: Tue, Jul 11, 2017 at 12:22 PM  
Subject: Saturday in Glacier  
To: "Wade, Anne-Berry" <abwade@usgs.gov>, Laura Rigas <laura\_rigas@ios.doi.gov>

Hey there AB, can you please call me about USGS in Glacier? 202-208-5338

----- Forwarded message -----

From: **Reynolds, Michael** <michael\_reynolds@nps.gov>  
Date: Mon, Jul 10, 2017 at 5:31 PM  
Subject: regarding Glacier  
To: Virginia Johnson <virginia\_johnson@ios.doi.gov>, Maureen Foster <maureen\_foster@ios.doi.gov>  
Cc: Bob Vogel <Bob\_Vogel@nps.gov>

The park/region propose the following:

- NPS participation on the tour will be the deputy superintendent, Eric Smith. (Note: USGS participant is Dan Fagre, climate change scientist. Concerns about his participation should be routed through the USGS chain.)
- NPS does not intend to issue any press release or participate in any press event/conference associated with this visit.
- NPS does not intend to post anything about this visit on our public-facing website, nor to post to the park's Facebook page. We cannot control what someone else posts to their sites. (We understand USGS has received approval to post on their Facebook page; concerns about that should be routed through the USGS chain.)
- NPS is not taking any extraordinary measures for this visit different than what we normally do for VIPs.

Please let me or the park know if there are further refinements needed. I have purposely included the park and IMRO on this message so we're all on the same page. Thanks.

-

Heather Swift  
Department of the Interior  
@DOIPressSec  
[Heather\\_Swift@ios.doi.gov](mailto:Heather_Swift@ios.doi.gov) | [Interior\\_Press@ios.doi.gov](mailto:Interior_Press@ios.doi.gov)



Pressfield, Justin &lt;jpressfield@usgs.gov&gt;

## Highlight: USGS glacier scientist and center communicator to join Facebook CEO on tour of Glacier NP.

1 message

Soileau, Suzanna &lt;ssoileau@usgs.gov&gt;

Wed, Jun 28, 2017 at 12:39 PM

To: Justin Pressfield &lt;jpressfield@usgs.gov&gt;, Ryan McClymont &lt;rmcclymont@usgs.gov&gt;

Cc: "Regan, Claudia" &lt;cregan@usgs.gov&gt;

### Title: USGS glacier scientist and center communicator to join Facebook CEO on tour of Glacier NP.

- **What:** USGS glacier scientist and center communicator to join Facebook CEO on short tour of Glacier NP.
- **Date Entered:** 6/28/17
- **Estimated Date:** 7/15/17
- **Where:** Glacier National Park
- **Background:** USGS glacier scientist Dan Fagre and center communicator Suzanna Soileau have been invited on the request of Facebook Communications Director Derick Mains to join CEO Mark Zuckerberg and park officials in Glacier National Park July 15 as he travels to Logan Pass to learn more about issues surrounding the natural resources of the park. Facebook learned of Fagre's work from a press release highlighting a data release on declining glacier margins in the park. Fagre will answer questions about USGS research on changing mountain ecosystems and glacier recession.
- **Partners/Stakeholders:** Glacier National Park
- **Hill Interest:**
- **High-Profile/Controversial:** Yes
- **Journal/Outlet:** NA
- **Publication Status:** NA
- **POC:** Suzanna Soileau, NOROCK, [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

--

Suzanna

~~~~~  
 Suzanna C. Soileau  
 Outreach Physical Scientist  
 USGS-NOROCK  
 2327 University Way, Suite 2  
 Bozeman, MT 59715  
 Phone: 406-994-7257  
 Fax: 406-994-6556  
 Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

~~~~~  
 "Something hidden. Go and find it. Go and look behind the Ranges- Something lost behind the Ranges. Lost and waiting for you. Go!"

~~~~~  
 Rudyard Kipling, The Explorer

DOI-USGS-17-0238-A, B, C-000042

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Pressfield, Justin &lt;jpressfield@usgs.gov&gt;

---

## High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)

---

Justin Pressfield <jpressfield@usgs.gov>  
To: Betsy Hildebrandt <bhildebrandt@usgs.gov>

Tue, Jul 18, 2017 at 6:56 PM

FYI

Justin Pressfield  
US Department of the Interior  
US Geological Survey  
Chief of Communications, West  
Mobile: (916) 335-1211

Begin forwarded message:

**From:** "Fagre, Daniel" <dan\_fagre@usgs.gov>  
**Date:** July 18, 2017 at 4:24:06 PM PDT  
**To:** "Puckett, Catherine" <cpuckett@usgs.gov>  
**Cc:** "Pressfield, Justin" <jpressfield@usgs.gov>, Douglas Beard <dbeard@usgs.gov>, Claudia Regan <cregan@usgs.gov>, Anne E Kinsinger <akinsinger@usgs.gov>, Frank van Manen <fvanmanen@usgs.gov>, "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Subject:** Re: High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)

FYI below.

The last two paragraphs have some inaccuracies since I didn't arrange anything - Glacier Park did - and Clint Muhlfeld and Tabitha Graves study the aquatic species and huckleberry responses to climate change.

[https://www.washingtonpost.com/news/powerpost/wp/2017/07/18/mark-zuckerberg-went-to-glacier-to-learn-about-climate-change-but-couldnt-meet-with-the-resident-climate-scientist/?utm\\_term=.2643ec98a06e](https://www.washingtonpost.com/news/powerpost/wp/2017/07/18/mark-zuckerberg-went-to-glacier-to-learn-about-climate-change-but-couldnt-meet-with-the-resident-climate-scientist/?utm_term=.2643ec98a06e)

On Tue, Jul 18, 2017 at 11:04 AM, Fagre, Daniel <dan\_fagre@usgs.gov> wrote:

Catherine,

Lisa Rein from Washington Post will be calling you. I spoke to her and referred her to Heather but she wanted to talk to a USGS person. I indicated that I didn't know why my participation was canceled. Other than that, I gave her some information on Glacier Park (where Logan Pass is) and what my research entails.

Good luck.

Dan

On Tue, Jul 18, 2017 at 9:55 AM, Puckett, Catherine <cpuckett@usgs.gov> wrote:

DOI-USGS-17-0238-A, B, C-000044

<http://thehill.com/policy/energy-environment/342501-interior-department-cancelled-climate-expert-meeting-with>



Catherine Puckett  
Deputy Public Affairs Officer  
USGS Office of Communications  
352-377-2469 (O) 352-278-0165 (cell)  
[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

--

\*\*\*\*\*

Daniel B. Fagre, Ph.D.  
USGS Northern Rocky Mountain Science Center  
215 Mather Drive  
Glacier National Park  
West Glacier, MT 59936  
Ph: 406-888-7922  
Email: [dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)  
\*\*\*\*\*

--

\*\*\*\*\*

Daniel B. Fagre, Ph.D.  
USGS Northern Rocky Mountain Science Center  
215 Mather Drive  
Glacier National Park  
West Glacier, MT 59936  
Ph: 406-888-7922  
Email: [dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)  
\*\*\*\*\*



Pressfield, Justin <jpressfield@usgs.gov>

### Important - potential media inquiries today

1 message

**Soileau, Suzanna** <ssoileau@usgs.gov> Mon, Jul 17, 2017 at 10:21 AM  
 To: GS-NOROCK PIs <gs-norock\_pis@usgs.gov>  
 Cc: "Regan, Claudia" <cregan@usgs.gov>, Judy O'Dwyer <jodwyer@usgs.gov>, Justin Pressfield <jpressfield@usgs.gov>, "Miller, Cheryl" <cemiller@usgs.gov>

All - If you happen to get any media inquiries from anyone regarding a recent visit from Facebook to Glacier National Park, please send those to: Justin Pressfield, [jpressfield@usgs.gov](mailto:jpressfield@usgs.gov), 916-278-9500, with a cc to Catherine Puckett, [cpuckett@usgs.gov](mailto:cpuckett@usgs.gov), 352-377-2469.

Thanks,

--

Suzanna

~~~~~  
 Suzanna C. Soileau  
 Outreach Physical Scientist  
 USGS-NOROCK  
 2327 University Way, Suite 2  
 Bozeman, MT 59715  
 Phone: 406-994-7257  
 Fax: 406-994-6556  
 Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

~~~~~  
 "Something hidden. Go and find it. Go and look behind the Ranges- Something lost behind the Ranges. Lost and waiting for you. Go!"

Rudyard Kipling, The Explorer

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Pressfield, Justin <jpressfield@usgs.gov>

**MIC: Exclusive: Trump administration pulled top climate expert from Mark Zuckerberg's national park visit**

Puckett, Catherine <cpuckett@usgs.gov>  
To: Justin Pressfield <jpressfield@usgs.gov>

Tue, Jul 18, 2017 at 5:09 AM

So we will get more calls -- all of them will go to the department/to Heather? We can't have a talking point or a statement? I did think of 4 questions we, or NOROC, will be asked about what happened. But all of those questions will go to Interior? USGS can't or won't have a talking point or a statement? Concerned that won't work . . . my two cents

Oh, Suzanna is on leave now for a week, I think, but she said she will stay plugged in and as available as possible. But Claudia Regan will undoubtedly request advice from you, especially with Suzanna not on site.

Catherine

 Catherine Puckett  
Deputy Public Affairs Officer  
USGS Office of Communications  
352-377-2469 (O) 352-278-0165 (cell)  
cpuckett@usgs.gov

On Mon, Jul 17, 2017 at 8:24 PM, Justin Pressfield <jpressfield@usgs.gov> wrote:

<https://m.mic.com/articles/182356/exclusive-trump-administration-pulled-top-climate-expert-from-mark-zuckerbergs-national-park-visit#.qMPFqbH2z>

Justin Pressfield  
US Department of the Interior  
US Geological Survey  
Chief of Communications, West  
Mobile: (916) 335-1211



Pressfield, Justin &lt;jpressfield@usgs.gov&gt;

---

**Re: Urgent inquiry for timely story**

---

**Pressfield, Justin** <jpressfield@usgs.gov>  
To: Suzanna Soileau <ssoileau@usgs.gov>

Mon, Jul 17, 2017 at 11:20 AM



**Justin Pressfield**  
Chief of Communications | Western States  
U.S. Geological Survey | Department of the Interior  
Mobile: 916.335.1211 | Office: 916.278.9500

----- Forwarded message -----

From: **Pressfield, Justin** <jpressfield@usgs.gov>  
Date: Mon, Jul 17, 2017 at 11:18 AM  
Subject: Fwd: Urgent inquiry for timely story  
To: Betsy Hildebrandt <bhildebrandt@usgs.gov>, "Swift, Heather" <heather\_swift@ios.doi.gov>

Heather,

Hope you are well. Based on directions you gave for us, this one is coming your way. See below.

-Justin



**Justin Pressfield**  
Chief of Communications | Western States  
U.S. Geological Survey | Department of the Interior  
Mobile: 916.335.1211 | Office: 916.278.9500

----- Forwarded message -----

From: **Pressfield, Justin** <jpressfield@usgs.gov>  
Date: Mon, Jul 17, 2017 at 11:16 AM  
Subject: Re: Urgent inquiry for timely story  
To: Jake Horowitz <jhorowitz@mic.com>

Jake,

I am going to send you over to Heather Swift at the Department of Interior's Communications Office.

Here's her email:

[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)

-Justin



**Justin Pressfield**  
Chief of Communications | Western States  
U.S. Geological Survey | Department of the Interior  
Mobile: 916.335.1211 | Office: 916.278.9500

----- Forwarded message -----

From: **Jake Horowitz** <jhorowitz@mic.com>  
Date: Mon, Jul 17, 2017 at 11:11 AM

DOI-USGS-17-0238-A, B, C-000048



Subject: Re: Urgent inquiry for timely story  
To: "Pressfield, Justin" <jpressfield@usgs.gov>  
Cc: Catherine E Puckett <cpuckett@usgs.gov>

Hey Justin,

I'd prefer to run my question by you over the phone since it involves a sensitive matter surrounding a tip I received about Zuckerberg's trip. Ok for us to chat when your meeting wraps up? (914-527-2864)

Thank you  
Jake



Co-founder, Editor-at-large

**Jake Horowitz**

@jacobdhorowitz | 914-527-2864

On Mon, Jul 17, 2017 at 2:00 PM, Pressfield, Justin <jpressfield@usgs.gov> wrote:

Jake,

While I am unable to talk on the phone in this meeting, could you shoot me your specific question via email? Maybe I could respond quicker that way. Thanks.



**Justin Pressfield**  
Chief of Communications | Western States  
U.S. Geological Survey | Department of the Interior  
Mobile: 916.335.1211 | Office: 916.278.9500

On Mon, Jul 17, 2017 at 10:43 AM, Jake Horowitz <jhorowitz@mic.com> wrote:

Yes, that's great. I'm 914 527 2864 as soon as you get a moment.

Jake



Co-founder, Editor-at-large

**Jake Horowitz**

@jacobdhorowitz | 914-527-2864

On Mon, Jul 17, 2017 at 1:41 PM, Pressfield, Justin <jpressfield@usgs.gov> wrote:

Hi Jake,

I am right in the middle of some other stuff right now, but I want to respect your deadline. Can I circle back to you when I get up for air in an hour or two, please?

-Justin



**Justin Pressfield**  
Chief of Communications | Western States  
U.S. Geological Survey | Department of the Interior  
Mobile: 916.335.1211 | Office: 916.278.9500

On Mon, Jul 17, 2017 at 10:38 AM, Jake Horowitz <jhorowitz@mic.com> wrote:

Thank you Shawn. Catherine and Justin, I've left a few messages with various members of the staff. Do you have a few minutes to connect ASAP?

Thank you and much appreciated  
Jake



Co-founder, Editor-at-large  
**Jake Horowitz**

[@jacobdhorowitz](#) | [914-527-2864](tel:914-527-2864)

On Mon, Jul 17, 2017 at 1:33 PM, Carter, Shawn <scarter@usgs.gov> wrote:

Hey Jake,

Hard to know if I'm the one you need based on these details. I'm adding our communications folks (Catherine and Justin) who handle that area and they can surely give you great contacts and information. Thanks.

On Mon, Jul 17, 2017 at 1:21 PM, Jake Horowitz <jhorowitz@mic.com> wrote:

Shawn,

My name is Jake Horowitz, I'm the co-founder of Mic. I'm trying to get in touch because I'm working on an important story surrounding Mark Zuckerberg's trip to Glacier National Park. I was told you might be the person who can answer my question. It's quite timely and I'd like to connect ASAP (also tried calling you).

Do you have a few mins? ([914 527 2864](tel:914-527-2864))

Thank you  
Jake



Co-founder, Editor-at-large  
**Jake Horowitz**

[@jacobdhorowitz](#) | [914-527-2864](tel:914-527-2864)

--

Shawn L. Carter

Senior Scientist

DOI-USGS-17-0238-A, B, C-000050

7/27/2017

DEPARTMENT OF THE INTERIOR Mail - Re: Urgent inquiry for timely story

National Climate Change & Wildlife Science Center  
12201 Sunrise Valley Dr. MS-516  
Reston, VA 20192  
<http://nccwsc.usgs.gov>

[scarter@usgs.gov](mailto:scarter@usgs.gov)  
703-648-4085 w  
571-314-2788 c

*Enjoy when you can, and endure when you must.*

—Johann Wolfgang von Goethe (1749 - 1832)



Pressfield, Justin &lt;jpressfield@usgs.gov&gt;

---

## Upcoming Dan Fagre meeting with Mark Zuckerberg

---

**Ball, Lianne** <lball@usgs.gov>

Thu, Jun 22, 2017 at 2:26 PM

To: Anne-Berry Wade <abwade@usgs.gov>, Anne Kinsinger <akinsinger@usgs.gov>, "Puckett, Catherine" <cpuckett@usgs.gov>, Claudia Regan <cregan@usgs.gov>, William Lellis <wlellis@usgs.gov>  
Cc: Colette Charbonneau <ccharbonneau@usgs.gov>, Suzanna Soileau <ssoileau@usgs.gov>, Melanie Steinkamp <msteinkamp@usgs.gov>, Daniel Fagre <dan\_fagre@usgs.gov>, Steven Hilburger <shilburger@usgs.gov>, Justin Pressfield <jpressfield@usgs.gov>, Ryan McClymont <rmcclymont@usgs.gov>

Hi AB,

Steve Hilburger just told Melanie Steinkamp and me that Facebook founder Mark Zuckerberg has scheduled a meeting with Dan Fagre in July. That's great! In Ecosystems he's funded by the Environments Program, and Melanie is the PC.

Steve said that Anne has some talking points that could be helpful to get ahead of some of the things folks need to get ahead of.

We'll coordinate with Anne to get those ideas to NOROCK.

Thanks,

Lianne

--

Lianne Ball, Ph.D.  
Science Adviser, Environments Program  
US Geological Survey  
12201 Sunrise Valley Dr  
Mail Stop 301  
Reston, VA 20192

Ph (703) 648-4028

However beautiful the strategy, you should occasionally look at the results *Winston Churchill*



Pederson, Gregory &lt;gpederson@usgs.gov&gt;

---

**hi Dr Pederson from Lisa Rein at the Post**

9 messages

---

**Rein, Lisa** <Lisa.Rein@washpost.com>  
To: "gpederson@usgs.gov" <gpederson@usgs.gov>

Tue, Jul 18, 2017 at 12:21 PM

Hi there, I left a voice mail at your office but am figuring you may not get it. I see that you've published with Dan Fagre and wonder if you could tell me something about his prominence as a climate expert at Glacier. Doing a piece on deadline about Mark Zuckerberg's visit to Glacier over the weekend and Dr Fagre's briefing being cancelled by DOI

Thanks much! Lisa

Lisa Rein

Staff Reporter

Washington Post

202-334-5190

Cell 202-821-3120

@Reinlwapo

[Send me a confidential tip](#)

---

**Pederson, Gregory** <gpederson@usgs.gov>  
To: Suzanna Carrithers <ssoileau@usgs.gov>

Tue, Jul 18, 2017 at 1:29 PM

Talk to me. Call my office number.

-Greg

---

Gregory T. Pederson  
Research Scientist  
U.S. Geological Survey  
Northern Rocky Mtn. Sci. Center  
2327 University Way (Suite 2)  
Bozeman, MT 59715  
ph: +01-406-994-7390  
email: [gpederson@usgs.gov](mailto:gpederson@usgs.gov)  
web: <https://www.usgs.gov/norock>

[Quoted text hidden]

---

**Pederson, Gregory** <gpederson@usgs.gov>  
To: cemiller@usgs.gov, Paul Laustsen <plaustsen@usgs.gov>, Claudia Regan <cregan@usgs.gov>  
Cc: Suzanna Carrithers <ssoileau@usgs.gov>

Tue, Jul 18, 2017 at 1:32 PM

Hi all,

Please advise me on how to handle this. Call my office number in my signature line to discuss.

DOI-USGS-17-0238-A, B, C-000053

Suzanna is out of the office so I'm seeing media contact advice.

-Greg

---

Gregory T. Pederson  
Research Scientist  
U.S. Geological Survey  
Northern Rocky Mtn. Sci. Center  
2327 University Way (Suite 2)  
Bozeman, MT 59715  
ph: +01-406-994-7390  
email: [gpederson@usgs.gov](mailto:gpederson@usgs.gov)  
web: <https://www.usgs.gov/norock>

----- Forwarded message -----

From: **Rein, Lisa** <[Lisa.Rein@washpost.com](mailto:Lisa.Rein@washpost.com)>  
Date: Tue, Jul 18, 2017 at 12:21 PM  
Subject: hi Dr Pederson from Lisa Rein at the Post  
To: "[gpederson@usgs.gov](mailto:gpederson@usgs.gov)" <[gpederson@usgs.gov](mailto:gpederson@usgs.gov)>

[Quoted text hidden]

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**Suzanna Soileau** <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> Tue, Jul 18, 2017 at 1:36 PM  
To: "[cemiller@usgs.gov](mailto:cemiller@usgs.gov)" <[cemiller@usgs.gov](mailto:cemiller@usgs.gov)>, Paul Laustsen <[plaustsen@usgs.gov](mailto:plaustsen@usgs.gov)>, Claudia Regan <[cregan@usgs.gov](mailto:cregan@usgs.gov)>, "Pederson, Gregory" <[gpederson@usgs.gov](mailto:gpederson@usgs.gov)>, Justin Pressfield <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>, Catherine Puckett <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

Greg - you can forward her directly to the following:

Heather Swift  
[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)

We have no comment on this.

Suzanna

Sent from my phone.

[Quoted text hidden]  
[Quoted text hidden]

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**Miller, Cheryl** <[cemiller@usgs.gov](mailto:cemiller@usgs.gov)> Tue, Jul 18, 2017 at 1:43 PM  
To: "Pederson, Gregory" <[gpederson@usgs.gov](mailto:gpederson@usgs.gov)>

Hi Greg,

Suzanna is quicker on her email on vacation than I am at work! Thanks for looping me in.

-Cheryl  
[Quoted text hidden]

---

**Pederson, Gregory** <[gpederson@usgs.gov](mailto:gpederson@usgs.gov)> Tue, Jul 18, 2017 at 1:45 PM  
To: Suzanna Soileau <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>  
Cc: "[cemiller@usgs.gov](mailto:cemiller@usgs.gov)" <[cemiller@usgs.gov](mailto:cemiller@usgs.gov)>, Paul Laustsen <[plaustsen@usgs.gov](mailto:plaustsen@usgs.gov)>, Claudia Regan <[cregan@usgs.gov](mailto:cregan@usgs.gov)>, Justin Pressfield <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>, Catherine Puckett <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

Thanks all. And will do.

DOI-USGS-17-0238-A, B, C-000054

-Greg

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Gregory T. Pederson  
Research Scientist  
U.S. Geological Survey  
Northern Rocky Mtn. Sci. Center  
2327 University Way (Suite 2)  
Bozeman, MT 59715  
ph: +01-406-994-7390  
email: [gpederson@usgs.gov](mailto:gpederson@usgs.gov)  
web: <https://www.usgs.gov/norock>

[Quoted text hidden]

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**Pederson, Gregory** <[gpederson@usgs.gov](mailto:gpederson@usgs.gov)> Tue, Jul 18, 2017 at 1:49 PM  
To: "Rein, Lisa" <[Lisa.Rein@washpost.com](mailto:Lisa.Rein@washpost.com)>  
Bcc: Suzanna Carrithers <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>, [cemiller@usgs.gov](mailto:cemiller@usgs.gov), Justin Pressfield <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>, "Puckett, Catherine" <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

Hi Lisa,

Apologies for missing your call.

For information on this event please contact:

Heather Swift  
[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)

I have no comment on this.

Best Regards,

-Greg

---

Gregory T. Pederson  
Research Scientist  
U.S. Geological Survey  
Northern Rocky Mtn. Sci. Center  
2327 University Way (Suite 2)  
Bozeman, MT 59715  
ph: +01-406-994-7390  
email: [gpederson@usgs.gov](mailto:gpederson@usgs.gov)  
web: <https://www.usgs.gov/norock>

[Quoted text hidden]

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**Rein, Lisa** <[Lisa.Rein@washpost.com](mailto:Lisa.Rein@washpost.com)> Tue, Jul 18, 2017 at 1:53 PM  
To: "Pederson, Gregory" <[gpederson@usgs.gov](mailto:gpederson@usgs.gov)>

Thanks for getting back to me.

**From:** Pederson, Gregory [mailto:[gpederson@usgs.gov](mailto:gpederson@usgs.gov)]  
**Sent:** Tuesday, July 18, 2017 3:49 PM  
**To:** Rein, Lisa <[Lisa.Rein@washpost.com](mailto:Lisa.Rein@washpost.com)>  
**Subject:** Re: hi Dr Pederson from Lisa Rein at the Post

Hi Lisa,

Apologies for missing your call.

For information on this event please contact:

Heather Swift

[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)

I have no comment on this.

Best Regards,

-Greg

---

Gregory T. Pederson  
Research Scientist  
U.S. Geological Survey  
Northern Rocky Mtn. Sci. Center  
2327 University Way (Suite 2)  
Bozeman, MT 59715  
ph: +01-406-994-7390  
email: [gpederson@usgs.gov](mailto:gpederson@usgs.gov)  
web: [https://www.usgs.gov/norock\[usgs.gov\]](https://www.usgs.gov/norock[usgs.gov])

On Tue, Jul 18, 2017 at 12:21 PM, Rein, Lisa <[Lisa.Rein@washpost.com](mailto:Lisa.Rein@washpost.com)> wrote:

Hi there, I left a voice mail at your office but am figuring you may not get it. I see that you've published with Dan Fagre and wonder if you could tell me something about his prominence as a climate expert at Glacier. Doing a piece on deadline about Mark Zuckerberg's visit to Glacier over the weekend and Dr Fagre's briefing being cancelled by DOI

Thanks much! Lisa

Lisa Rein

Staff Reporter

Washington Post

202-334-5190

Cell 202-821-3120

@Reinlwapo

[Send me a confidential tip](#)



---

**Pederson, Gregory** <gpederson@usgs.gov>  
To: "Rein, Lisa" <Lisa.Rein@washpost.com>

Tue, Jul 18, 2017 at 1:58 PM

No problem.

Good luck with the story.

-Greg

---

Gregory T. Pederson  
Research Scientist  
U.S. Geological Survey  
Northern Rocky Mtn. Sci. Center  
2327 University Way (Suite 2)  
Bozeman, MT 59715  
ph: +01-406-994-7390  
email: [gpederson@usgs.gov](mailto:gpederson@usgs.gov)  
web: <https://www.usgs.gov/norock>

[Quoted text hidden]



Pederson, Gregory &lt;gpederson@usgs.gov&gt;

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**Media inquiries - climate change meeting**

1 message

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**van Manen, Frank** <fvanmanen@usgs.gov>  
To: GS-NOROCK All <gs-norock\_all@usgs.gov>

Tue, Jul 18, 2017 at 2:44 PM

All,

If you receive any inquiries regarding USGS role in the recent climate change meeting at Glacier NP, please make no comments and refer all media inquiries to DOI at:

Heather Swift

[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)

Thanks!

---

Frank T. van Manen, Interagency Grizzly Bear Study Team, U.S. Geological Survey, Phone 406-994-5043  
[www.usgs.gov/norock/igbst](http://www.usgs.gov/norock/igbst)



Freedom of Information Act, GS-D-EI\_ &lt;foia@usgs.gov&gt;

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**Fwd: Facebook Visit to Glacier**

1 message

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**Hildebrandt, Betsy** <bhildebrandt@usgs.gov>  
To: GS-D-EI\_ Freedom of Information Act <foia@usgs.gov>

Fri, Aug 25, 2017 at 8:30 AM

----- Forwarded message -----

From: **Wade, Anne-Berry** <abwade@usgs.gov>  
Date: Tue, Jul 11, 2017 at 3:47 PM  
Subject: Fwd: Facebook Visit to Glacier  
To: Heather Swift <heather\_swift@ios.doi.gov>  
Cc: Betsy Hildebrandt <bhildebrandt@usgs.gov>

Here's the email between FB's Derrick Mains and Glacier NP staff.

A.B. Wade  
USGS Press Officer  
703-648-4483 desk  
703-317-7871 mobile

----- Forwarded message -----

From: **Soileau, Suzanna** <ssoileau@usgs.gov>  
Date: Thu, Jun 22, 2017 at 2:56 PM  
Subject: Fwd: Facebook Visit to Glacier  
To: Daniel Fagre <dan\_fagre@usgs.gov>  
Cc: Paul Laustsen <plaustsen@usgs.gov>, Ryan McClymont <rmcclymont@usgs.gov>, Scott Horvath <shorvath@usgs.gov>, Justin Pressfield <jpressfield@usgs.gov>, "Regan, Claudia" <cregan@usgs.gov>

Hi Dan -

Pretty exciting opportunity coming our way. Mark Zuckerberg, CEO of Facebook, is traveling to Glacier and they have asked if you could join them in the field on July 15.

This is an incredible opportunity and I hope that you can make time or have one of your staff be available. See details below and let me know.

Thanks!

----- Forwarded message -----

From: **Alley, Lauren** <lauren\_alley@nps.gov>  
Date: Thu, Jun 22, 2017 at 12:47 PM  
Subject: Re: Facebook Visit to Glacier  
To: derickmains@fb.com  
Cc: "Suzanna C. Soileau" <ssoileau@usgs.gov>

Derick,

Thanks for getting in touch about this upcoming visit.

I'll be your point of contact for coordinating this trip.

Let's set up a time next week to talk through some of these details. I'm also including USGS Public Affairs Specialist Suzanna Soileau on this email as you asked about including Dan Fagre in the group.

DOI-USGS-17-0238-A, B, C-000059

My schedule is fairly open next Monday and Wednesday. Do you have a time that works on either of those days?

**Lauren Alley**  
Management Assistant  
Glacier National Park  
406.888.5838

----- Forwarded message -----

From: **Johnson, Kyle** <kyle\_johnson@nps.gov>  
Date: Wed, Jun 21, 2017 at 2:49 PM  
Subject: Fwd: Facebook Visit to Glacier  
To: "Alley, Lauren" <lauren\_alley@nps.gov>, "Austin, Paul" <paul\_austin@nps.gov>

Lauren,

Conferenced with Derick yesterday and this is what he sent me today. Please contact him and let him know you will be the point of contact for the visit.

Thanks for your help.

----- Forwarded message -----

From: **Derick Mains** <derickmains@fb.com>  
Date: Wed, Jun 21, 2017 at 12:20 PM  
Subject: Facebook Visit to Glacier  
To: "Johnson, Kyle" <kyle\_johnson@nps.gov>  
Cc: Derick Mains <derickmains@fb.com>

Hi Kyle,

Thanks for the time over the phone yesterday. It was good to catch up.

As I mentioned, as part of a personal challenge for 2017, Mark is spending the year traveling across the country visiting approximately the 30 states he's never been to. In doing so he has several different goals; to get out of his bubble here at Facebook and in Northern California, to visit communities and meet people he wouldn't otherwise wouldn't and most importantly learn. [Here](#) is a story the NY Times did on his travels.

We try to develop themes for the areas and people he meets with. So far, we haven't really done anything around natural resources and people who work to manage public lands. Earlier in the trip he'll be visiting a North Dakota community involved in oil production and thought that a visit to Glacier, where the effects of global warming have been widely documented, would be a good balance.

Mark would like to meet with people involved with the stewardship of the Park. This could include Superintendent Mow, park rangers, park volunteers, someone from the Glacier Institute and someone involved in the study of climate change on the park (someone from the USGS and/or Portland State who worked on [this](#) study). If you are free, I'd like you to attend to be able talk to Mark about your 30 years in the park and your role as a backcountry ranger.

We'd also like to do this meeting a little differently. Rather than at Park HQ in a conference room we'd like to do it in a Jammer heading up the Pass. Thought is to take the meeting outside and talk about the Park in

DOI-USGS-17-0238-A, B, C-000060

the Park. It would be great to drive up to the Pass, get out and walk the boardwalk to the Hidden Lake overlook. This would give mark the opportunity to informally interact with some of the visitors along with giving us some great photos. Let me know if you have a contact at Xanterra I could talk to about renting a Jammer for the day.

### ***Ideal schedule***

Saturday July 15 (*these times might get pushed back an hour or two*)

**Noon:** Mark arrives Park HQ, greeted by Superintendent Mow

**12:15** Group (people mentioned above) pile into a Jammer and head up the Going to the Sun Road

**12-15 – 1:15:** Drive the GTS to Logan Pass (discussion/meeting along the way)

**1:15 – 2:00:** Hike to Hidden Lake Overlook

**2:15 – 3:15:** Drive to West Glacier (in Facebook vehicle en route to another visit)

### ***Possible attendees***

Superintendent Mow

Chief Ranger Paul Austin

Ranger Kyle Johnson

3-4 Park volunteers (your call here, would be great to have some of the retired folks you mentioned)

Glacier Institute Executive Director Joyce Baltz (or someone else)

USGS Research Ecologist Daniel B Fagre

*\* Happy to have your PIO or social media lead join to document the visit*

Also, it would be great if you could be the liaison with our security team as you've coordinated these types of visits to Glacier.

Let me know what you think of this.

Derick

--

Kyle Johnson  
US Park Ranger  
Wilderness Specialist  
(406) 888-7838  
[Kyle\\_Johnson@nps.gov](mailto:Kyle_Johnson@nps.gov)

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

~~~~~  
"Something hidden. Go and find it. Go and look behind the Ranges- Something lost behind the Ranges. Lost and waiting for you. Go!"

Rudyard Kipling, The Explorer

**CONFIDENTIALITY NOTICE:**

~~This message (including any attachments) is intended exclusively for the individual or entity to which it is addressed. This communication may contain information that is proprietary, privileged or confidential or otherwise legally exempt from disclosure. If you are not the named addressee, you are not authorized to read, print, retain, copy or disseminate this message or any part of it. If you have received this message in error, please notify the sender immediately by e-mail and delete all copies of the message.~~

--

Betsy Hildebrandt  
Associate Director, Communications and Publications  
U.S. Geological Survey  
[bhildebrandt@usgs.gov](mailto:bhildebrandt@usgs.gov)  
(o) 703 648 5750  
(c) 202 713 0828



Freedom of Information Act, GS-D-EI\_ &lt;foia@usgs.gov&gt;

---

**Fwd: Facebook**

1 message

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**Hildebrandt, Betsy** <bhildebrandt@usgs.gov>  
To: GS-D-EI\_ Freedom of Information Act <foia@usgs.gov>

Fri, Aug 25, 2017 at 8:31 AM

----- Forwarded message -----

From: **Heather Swift** <heather\_swift@ios.doi.gov>  
Date: Wed, Jul 12, 2017 at 9:20 AM  
Subject: Re: Facebook  
To: "Hildebrandt, Betsy" <bhildebrandt@usgs.gov>

Thanks Betsy!

Sent from my iPhone

&gt; On Jul 12, 2017, at 9:10 AM, Hildebrandt, Betsy &lt;bhildebrandt@usgs.gov&gt; wrote:

&gt;

&gt; Hi there,

&gt;

&gt; Wanted to run something by you. I think it's probably best to have the NPS lead for the Facebook visit convey that they're able to cover and answer all questions so our scientist won't be joining. May raise fewer questions. Let me know if you think this makes sense.

&gt;

&gt; Please know that we will be more vigilant in ensuring that events to which we're being invited to participate have been fully vetted before getting further involved.

&gt;

&gt; Cheers,

&gt; Betsy

--

Betsy Hildebrandt  
Associate Director, Communications and Publications  
U.S. Geological Survey  
[bhildebrandt@usgs.gov](mailto:bhildebrandt@usgs.gov)  
(o) 703 648 5750  
(c) 202 713 0828



Freedom of Information Act, GS-D-EI\_ <foia@usgs.gov>

## Fwd: High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)

1 message

Hildebrandt, Betsy <bhildebrandt@usgs.gov>  
To: GS-D-EI\_ Freedom of Information Act <foia@usgs.gov>

Fri, Aug 25, 2017 at 11:19 AM

----- Forwarded message -----

From: **Puckett, Catherine** <cpuckett@usgs.gov>  
Date: Tue, Jul 18, 2017 at 12:00 PM  
Subject: Fwd: High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)  
To: Congressional liaison <cong\_liaison@usgs.gov>, Julia Jester <jjester@usgs.gov>  
Cc: Betsy Hildebrandt <bhildebrandt@usgs.gov>

see [The Hill](#) story about DOI "canceling Dan Fagre participation in climate/Zuckerberg visit." Important for you all to be aware of because you could get questions. Justin is leading response, but as of yesterday, all inquiries are going to DOI Comms/Heather Swift.

See link below. The first story that came out is [here](#), which involved leaks.

Catherine

**Catherine Puckett**  
Deputy Public Affairs Officer  
USGS Office of Communications  
352-377-2469 (O) 352-278-0165 (cell)  
cpuckett@usgs.gov

----- Forwarded message -----

From: **Puckett, Catherine** <cpuckett@usgs.gov>  
Date: Tue, Jul 18, 2017 at 11:55 AM  
Subject: High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)  
To: Betsy Hildebrandt <betsy\_hildebrandt@fws.gov>, "Pressfield, Justin" <jpressfield@usgs.gov>, Daniel Fagre <dan\_fagre@usgs.gov>, Douglas Beard <dbeard@usgs.gov>, Claudia Regan <cregan@usgs.gov>, Anne E Kinsinger <akinsinger@usgs.gov>

<http://thehill.com/policy/energy-environment/342501-interior-department-cancelled-climate-expert-meeting-with>

**Catherine Puckett**  
Deputy Public Affairs Officer  
USGS Office of Communications  
352-377-2469 (O) 352-278-0165 (cell)  
cpuckett@usgs.gov



--

Betsy Hildebrandt  
Associate Director, Communications and Publications  
U.S. Geological Survey  
[bhildebrandt@usgs.gov](mailto:bhildebrandt@usgs.gov)  
(o) 703 648 5750  
(c) 202 713 0828



Freedom of Information Act, GS-D-EI\_ &lt;foia@usgs.gov&gt;

---

**Fwd: Media inquiry to Facebook**

1 message

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**Hildebrandt, Betsy** <bhildebrandt@usgs.gov>  
To: GS-D-EI\_ Freedom of Information Act <foia@usgs.gov>

Fri, Aug 25, 2017 at 8:31 AM

----- Forwarded message -----

From: **Swift, Heather** <heather\_swift@ios.doi.gov>  
Date: Mon, Jul 17, 2017 at 6:32 PM  
Subject: Re: Media inquiry to Facebook  
To: Betsy Hildebrandt <bhildebrandt@usgs.gov>

Many thanks for closing the loop!

-

Heather Swift  
Department of the Interior  
@DOIPressSec  
[Heather\\_Swift@ios.doi.gov](mailto:Heather_Swift@ios.doi.gov) | [Interior\\_Press@ios.doi.gov](mailto:Interior_Press@ios.doi.gov)

On Mon, Jul 17, 2017 at 6:31 PM, Betsy Hildebrandt <bhildebrandt@usgs.gov> wrote:  
Good news below ...

Sent from my iPhone

Begin forwarded message:

**From:** "Pressfield, Justin" <jpressfield@usgs.gov>  
**Date:** July 17, 2017 at 6:00:30 PM EDT  
**To:** Betsy Hildebrandt <bhildebrandt@usgs.gov>  
**Subject:** Fwd: Media inquiry to Facebook

FYI



**Justin Pressfield**  
Chief of Communications | Western States  
U.S. Geological Survey | Department of the Interior  
Mobile: 916.335.1211 | Office: 916.278.9500

----- Forwarded message -----

From: **Suzanna Soileau** <ssoileau@usgs.gov>  
Date: Mon, Jul 17, 2017 at 2:44 PM  
Subject: Fwd: Media inquiry to Facebook  
To: Justin Pressfield <jpressfield@usgs.gov>, Claudia Regan <cregan@usgs.gov>  
Cc: Catherine Puckett <cpuckett@usgs.gov>

FYI

Sent from my phone,

Suzanna

---

**From:** "Alley, Lauren" <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>

**Subject:** Media inquiry to Facebook

**Date:** 17 July 2017 15:37

**To:** Patrick O'Driscoll <[patrick\\_o'driscoll@nps.gov](mailto:patrick_o'driscoll@nps.gov)>, "Barnum, Jeremy" <[jeremy\\_barnum@nps.gov](mailto:jeremy_barnum@nps.gov)>, "Suzanna C. Soileau" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

All -

I wanted to pass along that I just got a call from Facebook indicating that they had received a call from [mic.com](http://mic.com) inquiring about their visit to the park and the people the park arranged to meet with them.

They provided that they had a great visit and had good conversations with folks about relevant topics including climate change and that they rely on the agency/entity hosting them to come up with the proper configuration of people for Mr. Zuckerberg to meet with.

Facebook does not plan on providing more beyond this to other inquiries.

I thanked Facebook for the heads up.

**Lauren Alley**

Management Assistant

Glacier National Park

406.888.5838

--

Betsy Hildebrandt  
Associate Director, Communications and Publications  
U.S. Geological Survey  
[bhildebrandt@usgs.gov](mailto:bhildebrandt@usgs.gov)  
(o) 703 648 5750  
(c) 202 713 0828

**WEEK-AHEAD REPORT: U.S. GEOLOGICAL SURVEY**  
**June 26-July 7, 2017**

**Message to the Secretary**

Nothing to report

**Highlights of Travel, Meetings, and other Public Events**

Nothing to report

**Monday, June 26**

**National News Release: Endangered Turtle Skin Grown in Lab, Can Help Understand Deadly Virus (not the final title)**

- **What:** Scientists with the USGS National Wildlife Health Center successfully assembled and grew marine turtle skin in a lab - the first time this has been accomplished for a non-mammal. Using the skin culture, scientists were able to replicate a turtle tumor virus, which provides the opportunity to more accurately study how this virus replicates and its dynamics. Such information can help to better understand the disease and how to prevent it.
- **Date Entered:** May 8
- **Estimated Release Date:** June 26
- **Where:** Research was conducted in the NWHC Honolulu Field Station in Hawaii, but has international relevance. The disease has been documented in turtles throughout their range, but especially in Hawaii, Florida, Brazil, and Australia.
- **Background:** The virus that was replicated is called *Chelonid herpesvirus 5*, which is associated with fibropapillomatosis, a globally distributed, debilitating, and fatal tumor disease of endangered marine turtles. Sea turtles are a highly visible, charismatic, endangered megafauna. They are culturally important in many Pacific Island nations, and are the largest grazers of algae in coral reefs, helping to keep macroalgae in check and allowing growth of corals. They are also a tourist draw.
- **Partners/Stakeholders:**
- **Hill Interest:**
- **High-Profile/Controversial:** Potentially high-profile
- **Journal/Outlet:** Journal of Virology
- **Publication Status:** Published: <http://jvi.asm.org/content/early/2017/06/08/JVI.00404-17>
- **POC:** Marisa Lubeck
- *[THIS WAS IN LAST WEEK'S REPORT]*

**National News Release: Lake Harvests are Likely More Fruitful than We Knew**

- **What:** The true total global freshwater fish harvest from inland lakes likely exceeds what's been reported to the United Nations. This finding is important because underreporting can diminish the perceived importance of inland fisheries and perpetuate decisions that adversely affect these fisheries and millions of people.
- **Date Entered:** March 10
- **Estimated Release Date:** June 26
- **Where:** 80,000+ lakes globally
- **Background:** Inland water bodies provide multiple human benefits, including drinking water, irrigation, hydropower generation, protein and food security. In some cases these

different human uses conflict with one another. When conflicts arise, policy makers require estimates of the value of individual ecosystem services to make informed decisions regarding freshwater allocation. The value of inland fisheries, in particular, has been poorly estimated.

- **Partners/Stakeholders:** Michigan State University, Michigan Tech Research Institute, and the Food and Agriculture Organization of the United Nations
- **Hill Interest:**
- **High-Profile/Controversial:** Probably not
- **Journal/Outlet:** Frontiers in Ecology and the Environment
- **Publication Status:** Unpublished
- **POC:** Marisa Lubeck
- *[THIS WAS IN LAST WEEK'S REPORT]*

#### **State News Release: Human Activity Alters Streamflow Throughout Kansas**

- **What:** Human activity, such as groundwater pumping, land management, reservoir operations and urbanization, has had a measurable effect on streamflows in Kansas locally, regionally and statewide.
- **Date Entered:** June 6
- **Estimated Release Date:** June 26
- **Where:** Lawrence, Kansas
- **Background:** Researchers conducted a streamflow assessment that analyzed data from 129 USGS streamgages across the state from 1980 through 2015 to determine these changes. Agricultural practices have one of the greatest effects on streamflow. Statewide, agricultural land-management practices implemented to reduce runoff and soil erosion may have been responsible, in part, for a decreased duration and magnitude of high flows.
- **Partners/Stakeholders:** U.S. Fish and Wildlife Service and the Kansas Department of Wildlife, Parks and Tourism
- **Hill Interest:**
- **High-Profile/Controversial:**
- **Journal/Outlet:** USGS
- **Publication Status:** not published
- **POC:** Jenn LaVista
- *[THIS WAS IN LAST WEEK'S REPORT]*

#### **Tuesday, June 27**

Nothing to report

#### **Wednesday, June 28**

Nothing to report

#### **Thursday, June 29**

#### **National News Release: More Milkweeds Located Throughout the Landscape Can Help Conserve Monarchs**

- **What:** The USGS is leading a joint news release (others on the release are the University of Arizona and USFWS) about a new scientific tool that can help managers determine the

most effective ways to improve habitat quality and increase population numbers for imperiled monarch butterflies. Monarchs rely on milkweed plants for food and breeding habitat. USGS Upper Midwest Environmental Sciences Center researchers and partners developed scenarios for incorporating milkweeds and other native plants into the Midwestern U.S. landscape. They found that integrating milkweed into agricultural lands is key, but that participation from all sectors of society is needed to most effectively restore monarch numbers.

- **Date Entered:** June 7
- **Estimated Release Date:** June 29
- **Where:** Midwestern U.S.
- **Background:** According to a recent USGS study, as many as 1.8 billion additional milkweeds stems may be needed in North America to return monarchs to a sustainable population size. The new study is a major result from the Monarch Conservation Science Partnership.
- **Partners/Stakeholders:** Joint release with University of Arizona (second author) and FWS
- **Hill Interest:**
- **High-Profile/Controversial:** High profile
- **Journal/Outlet:** Environmental Research Letters
- **Publication Status:** Early view published but subject to changes: <http://iopscience.iop.org/article/10.1088/1748-9326/aa7637>. Real version will be published on June 29.
- **POC:** Marisa Lubeck, Catherine Puckett
- *[THIS WAS IN LAST WEEK'S REPORT]*

### **Friday, June 30**

Nothing to report

### **Sat. & Sun, July 1-2**

Nothing to report

### **Monday, July 3**

Nothing to report

### **Tuesday, July 4**

Nothing to report

### **Wednesday, July 5**

#### **National Joint News Release: White-Nose Syndrome in Bats via Video Surveillance/Arousal Patterns**

- **What:** Paul Cryan, 2nd author from FORT. paper on white-nose syndrome in bats ('Long-term video surveillance and automated analyses reveal arousal patterns in groups of hibernating bats.')
- **Date Entered:** June 5
- **Estimated Release Date:** July 5
- **Where:**

- **Background:**
- **Partners/Stakeholders:** Massey University (New Zealand), 1st author; Paul Cryan, USGS FORT, 2nd author. Coordinating with Massey University about joint news release and social media posts.
- **Hill Interest:** Potential
- **High-Profile/Controversial:** High profile
- **Journal/Outlet:** Methods in Ecology and Evolution
- **Publication Status:** In process; scheduled to publish June 29.
- **POCs:** Catherine Puckett, Heidi Koontz
- *[THIS WAS IN LAST WEEK'S REPORT]*

#### **National News Release: Finding Your Outdoors**

- **What:** Update USGS digital topographic maps feature more trails and other recreational points of interest
- **Date Entered:** June 30, 2017
- **Estimated Release Date:** July 5, 2017
- **Where:** National
- **Background:** As US Topo quadrangles are updated in accordance with the three-year map revision cycle, trail data supplied by the National Park Service, US Forest Service, International Mountain Bike Association and other Fed/State/NGO's are added to the maps and database
- **Partners/Stakeholders:** Partners: NPS, USFS, BLM, IMBA, various states. Stakeholders: Recreational community
- **Hill Interest:** Low
- **High-Profile/Controversial:** NO
- **POC:** Mark Newell

**Thursday, July 6**

Nothing to report

**Friday, July 7**

Nothing to report

**To Be Determined**

**JULY**

#### **National News Release: Increased Salinity in U.S. Rivers Might Degrade Drinking Water Quality and Water Infrastructure [working title]**

- **What:** U.S. Rivers are becoming more salty, which increases the potential of corrosion of water infrastructure and the likelihood that the concentration of lead in drinking water will increase
- **Date Entered:** June 30, 2017
- **Estimated Release Date:** late July or early August
- **Where:** National
- **Background:** Last year, an assessment of the corrosivity of groundwater was released. This is the surface water assessment of corrosivity

- **Partners/Stakeholders:** N/A
- **Hill Interest:** Potentially
- **High-Profile/Controversial:** Yes
- **Journal/Outlet:** Science of the Total Environment
- **Publication Status:** Unpublished
- **POC:** Mia Drane-Maury

**Local News Release: Groundwater Pumping, Precipitation can Affect Lake Levels in Twin Cities**

- **What:** Scientists with the USGS Minnesota Water Science Center recently found that both precipitation and groundwater withdrawals, among other factors, influence lake water levels in the northeast Twin Cities metropolitan area, and the extent of these changes vary among lakes. They studied groundwater and lake water exchanges in White Bear, Big Marine, Elmo and Snail lakes during 2003 through 2013, a period of increasing urbanization and declining water levels for some lakes in the area. They found that lake water levels are sensitive to precipitation changes, and increases in groundwater withdrawals during dry periods exacerbate lake water-level declines.
- **Date Entered:** May 26
- **Estimated Release Date:** TBD, probably early July
- **Where:** Minneapolis and Saint Paul, Minnesota
- **Background:** The study helps explain water levels that were recently below normal for several lakes in the northeast metro area, especially White Bear Lake. It also allows managers to assess the effects of scenarios such as changes in precipitation, evaporation, land use and groundwater withdrawals on exchanges between groundwater and lakes.
- **Partners/Stakeholders:** Metropolitan Council and the Minnesota Department of Health
- **Hill Interest:**
- **High-Profile/Controversial:** Potentially high-profile for the Twin Cities
- **Journal/Outlet:** USGS report
- **Publication Status:** Unpublished, but related to a previously published study
- **POC:** Marisa Lubeck
- *[THIS WAS IN LAST WEEK'S REPORT]*

**[Local/National] News Release: *Draft* -Behavior as a mechanism for coping with climate change**

- **What:** A paper that talks about how species may adapt to climate change by changing behavior. The paper also discusses how conservation practitioners and resource managers might incorporate an improved understanding of behavioral flexibility into conservation, policy, and resource management.
- **Date Entered:** February 21, 2017
- **Estimated Release Date:** July 10, 2017
- **Where:** [Location of the research]
- **Background:** Erik Beever is author.
- **Partners/Stakeholders:** USGS 1st, Univ. Montana 2nd, Wyoming Coop 3rd....
- **Hill Interest:**
- **High-Profile/Controversial:** [Yes/No]
- **Journal/Outlet:** Frontiers in Ecology and the Environment



- **Publication Status:** Unpublished
- **POC:** Paul Laustsen
- *[THIS WAS IN LAST WEEK'S REPORT]*

#### **National News Release: Land Change on Louisiana's Coast**

- **What:** USGS mapping reveals a recent change in the amount of coastal wetlands lost in Louisiana from 1932 to 2015.
- **Date entered:** 5/17
- **Estimated Release Date:** TBD, tentatively the week of July 10
- **Where:** Louisiana
- **Background:** USGS has tracked changes in Louisiana's coastal wetland area for many years. A 2011 report estimated the state had lost 1,883 square miles of coastal wetlands from 1932 to 2010. This report revises the total area lost, to 1,866 square miles from 1932 to 2015. This change is likely transient, and may be due to the lack of a recent major hurricane strike, some wetlands' recovery from past hurricane losses, wetland restoration work, changes in the intensity oil and gas extraction (which peaked in the 1960s), and other factors. The losses amount to about 25% of Louisiana's coastal wetlands - an area about the size of Delaware.
- **Partners/Stakeholders:** Louisiana Coastal Protection and Restoration Authority
- **Hill Interest:** Yes
- **High-Profile/Controversial:** High profile
- **Journal/Outlet:** USGS Scientific Investigations Map and accompanying summary
- **Publication Status:** in process at SPN
- **POC:** Heather Dewar
- *[THIS WAS IN LAST WEEK'S REPORT]*

#### **National News Release: [Placeholder Title] Pesticides in Midwestern Streams**

- **What:** A study of streams in 11 midwestern states found more than 180 pesticides, some at levels that could harm aquatic insects. On average, 54 pesticide compounds were detected in each stream.
- **Date Entered:** June 19, 2017
- **Estimated Release Date:** July 12
- **Where:** Midwest US
- **Background:** This is one of the most extensive assessments of pesticides in streams to date, with 12 weekly water samples collected at 100 midwest streams during the 2013 growing season.
- **Partners/Stakeholders:** n/a
- **Hill Interest:**
- **High-Profile/Controversial:** Potentially
- **Journal/Outlet:** Total Science of the Environment
- **Publication Status:** Unpublished
- **POC:** Mia Drane-Maury
- *[THIS WAS IN LAST WEEK'S REPORT]*

#### **Media Advisory: USGS to install sensors along Lake Ontario to monitor lake flooding**

- **What:** Several USGS crews will be installing eight Rapid Deployment Gauges and six pressure sensors along key parts of the southern and eastern shores of Lake Ontario in New York. These gauges will be used to monitor the lake flooding that has been ongoing for several weeks. It is expected these gauges will be operational for up to six months.
- **Date Entered:** June 26, 2017
- **Estimated Installation Date:** TBD depending on FEMA funding approval, likely the 2nd or 3rd week of July
- **Where:** New York
- **Background:** The governor of NY declared a state of emergency for the flooding on May 2. Lake Ontario remains at the highest it has been since records began 100 years ago and it will likely be months before the water drops to normal levels.
- **Partners/Stakeholders:** FEMA, New York Department of State, New York Department of Environmental Conservation.
- **Hill Interest:** Anticipated
- **High-Profile/Controversial:** Yes
- **Journal/Outlet:** N/A
- **Publication Status:** N/A
- **POC:** Jason Burton

**Local Joint News Release: Long-term trends in restoration and associated land treatments in the Southwest (not final title)**

- **What:** The study examines 70 year trends in land treatments on BLM lands across the entire southwestern U.S.
- **Date Entered:** April 17
- **Estimated Release Date:** TBD- likely July. NAU is taking lead on press efforts.
- **Where:** Flagstaff, Arizona
- **Background:** Some of the more interesting findings are that restoration goals have increased, the proportion of native seeds used in treatments have been on the rise, and that restoration practices have become increasingly large, expensive, and related to fire and invasive species control.
- **Partners/Stakeholders:** NAU
- **Hill Interest:**
- **High-Profile/Controversial:**
- **Journal/Outlet:** Restoration Ecology
- **POC:** Jennifer LaVista
- *[THIS WAS IN LAST WEEK'S REPORT]*

**State News Release: Study of water contaminates in Congaree National Park**

- **What:** The National Parks Service requested USGS to conduct a study of Congaree National Park in South Carolina to provide an understanding of how frequently chemical contaminants like pharmaceuticals and pesticides are found in protected ecosystems. From 2013-2015, seventy-two water and sediment samples were collected from 16 sites and analyzed for contaminants. Forty-nine of the 107 pharmaceuticals contaminants looked for were detected frequently in water throughout the park. Forty five of the 69 organic wastewater indicators looked for were found throughout the park.
- **Date Entered:** June 12, 2017

- **Estimated Release Date:** TBD, early July.
- **Where:** South Carolina
- **Background:** Organic contaminants such as pesticides and pharmaceuticals originate from human and agricultural sources and are frequently found in surface waters across the country. They are of particular concern because they can directly or indirectly threaten the structure and function of ecosystems.
- **Partners/Stakeholders:** National Park Service
- **Hill Interest:** No
- **High-Profile/Controversial:** No
- **Journal/Outlet:** Environmental Toxicology and Chemistry journal
- **Publication Status:** Published online
- **POC:** Jason Burton
- *[THIS WAS IN LAST WEEK'S REPORT]*

#### **Technical Release: Wildlife Cameras Offer Disturbance Advice for Industry and Researchers in the Arctic**

- **What:** Direct encounters with humans can increase the likelihood that nesting geese will lose their eggs to predators, according to a recent study released <day of the week>. As part of a study to understand reasons for the rapid increase of geese across northern Alaska, researchers used photos from wildlife cameras placed at goose nests in an area of recent disturbance to assess the behavioral response to disturbance and provide suggestions for mitigating any effects. This is going to partners, not media.
- **Date Entered:** 5/3/2017
- **Estimated Release Date:** Mid July, Waiting to hear back from journal
- **Where:** Arctic
- **Background:** Oil and gas development and researcher activities on the Arctic Coastal Plain of northern Alaska may have impacts on Arctic-nesting birds
- **Partners/Stakeholders:**
- **Hill Interest:**
- **High-Profile/Controversial:**
- **Journal/Outlet:** Journal of Wildlife Management
- **Publication Status:** unpublished
- **POC:** Paul Laustsen
- *[THIS WAS IN LAST WEEK'S REPORT]*

#### **State News Release: Hawaiian Birds Rapidly Colonize Young Restoration Forest**

- **What:** Forest birds on Hawaii Island are responding positively to a restoration in one of the largest, ongoing reforestation projects in Hawaii according to a new study released day of week in the journal Restoration Ecology. Since the project's establishment, restoration efforts in the refuge have included reforestation with the large, fast growing native koa tree and, more recently, the planting of understory shrubs that provide a variety of food resources for birds.
- **Date Entered:** 5/18/17
- **Estimated Release Date:** Mid July, waiting to hear back from journal on pub date
- **Where:** Hawaii

- **Background:** The Hakalau Forest National Wildlife Refuge was established in 1985 and encompasses large tracts of intact native forest but also includes large areas that were degraded and largely deforested by logging and grazing before becoming part of the refuge. The refuge serves as an important sanctuary for Hawaii’s native forest birds that are faced with many threats including habitat loss, invasive predators, and introduced avian diseases. The refuge protects high elevation forests on the slopes of Hawaii’s tallest volcano that are largely disease free because the cool mountain temperatures prevent disease-transmitting mosquitos from becoming established, allowing native birds that are not resistant to the introduced disease to thrive.
- **Partners/Stakeholders:** USFWS
- **Hill Interest:**
- **High-Profile/Controversial:**
- **Journal/Outlet:** Restoration Ecology
- **Publication Status:** Unpublished
- **POC:** Paul Laustsen
- *[THIS WAS IN LAST WEEK’S REPORT]*

**National News Release: USGS team perfects phosphorus removal system for small water treatment facilities**

- **What:** A team from USGS’ Leetown Science Center has perfected a system for removing phosphorus from water that is comparatively cheap, and also addresses ongoing issue with mine drainage. The system utilizes abandoned mine “waste,” which can be utilized as a sorption media for filtering phosphorus from water.
- **Date Entered:** April 16, 2017
- **Estimated Release Date:** TBD, likely early July
- **Where:** nationwide
- **Background:** The researchers have been working on this system for many years. Four years ago the system was only a prototype/table top demo version, but it has grown into his existing version, which is capable of filter 100K+ gallons of water a day. The system’s design just placed in the top five for the George Barley water prize – a contest designed to find the most effective means for removing phosphorus from fresh water in the Everglades.
- **Partners/Stakeholders:**
- **Hill Interest:** Potentially
- **High-Profile/Controversial:** No
- **Journal/Outlet:** none
- **Publication Status:** N/A
- **POC:** Jason Burton
- *[THIS WAS IN LAST WEEK’S REPORT]*

**National News Release: Magmatic intrusion responsible for past extinctions on Earth**

- **What:** new work firmly establishing geologic timing of Siberian Traps magmatic event, linking it to the mass extinction event at the end of the Permian Period.
- **Date Entered:** June 5, 2017
- **Estimated Release Date:** TBD, early July
- **Where:** global

- **Background:** author = Seth Burgess, CalVO
- **Partners/Stakeholders:** coauthor from Syracuse University
- **Hill Interest:** no
- **High-Profile/Controversial:**
- **Journal/Outlet:** Nature Communications
- **Publication Status:** unpublished, expected to be published late June or early July, 2017.
- **POC:** Leslie Gordon
- *[THIS WAS IN LAST WEEK'S REPORT]*

#### **National News Release: NMIC factsheet on the use of raw minerals across the US from 1900-2014**

- **What:** NMIC will be publishing a factsheet that looks at more than a century of American mineral use. The minerals and materials presented in fact sheet provide a broad overview of the quantity of nonfood and nonfuel materials used in the economy and illustrate the use and significance of raw nonfuel minerals in particular as building blocks of society.
- **Date Entered:** March 7
- **Estimated Release Date:** Unknown at this time, likely July or August
- **Where:** NMIC.
- **Background:** These data have been compiled to help the public and policymakers understand the annual and changing flow of raw materials put into use in the United States.
- **Hill Interest:** Maybe
- **High-Profile/Controversial:** NO
- **Journal/Outlet:** None
- **Publication Status:** Unpublished
- **POC:** Jason Burton
- *[THIS WAS IN LAST WEEK'S REPORT]*

#### **Technical Announcement: MODFLOW 6 Release**

- **What:** The release of the sixth core version of the MODFLOW simulation software
- **Date Entered:** May 22, 2017
- **Estimated Release Date:** July/August
- **Where:** nationwide
- **Background:** MODFLOW is an important product in the groundwater simulation community. The first iteration was released in 1984 and it is used both within the USGS and around the world
- **Partners/Stakeholders:** n/a
- **Hill Interest:**
- **High-Profile/Controversial:** no
- **Journal/Outlet:** n/a
- **Publication Status:** n/a
- **POC:** Mia Drane-Maury
- *[THIS WAS IN LAST WEEK'S REPORT]*

#### **National News Release: Potential Release of Mercury Currently Stored in Permafrost**

- **What:** EMBARGOED Nature article on topic; scientist, Paul Schuster, discussing at AGU2016.
- **Date Entered:** Dec. 6, 2016
- **Estimated Release Date:** July or August, 2017
- **Where:** Denver, CO
- **Background:**
- **Partners/Stakeholders:** [Collaborators or Funders]
- **Hill Interest:** Yes
- **High-Profile/Controversial:** Yes
- **Journal/Outlet:** Nature
- **Publication Status:** EMBARGOED until GRL publishes; they too may issue news release. FORMER NATURE PAPER. Currently being formatted for GRL. Moved to July/August per scientist request.
- **POC:** Heidi Koontz
- *[THIS WAS IN LAST WEEK'S REPORT]*

**Local (potentially National) Joint News Release/Advisory: September Trench Dig in Jackson Hole Mountain Resort, Jackson, Wyoming**

- **What:** Paleoseismic investigation of Teton fault; dig to begin in September, but USGS scientists traveling to site mid-July to speak with local partners and potentially media.
- **Date Entered:** June 5
- **Estimated Release Date:** Mid-July
- **Where:** Jackson, Wyoming
- **Background:** The Teton fault is capable of generating large, potentially damaging earthquakes in the Grand Teton–Yellowstone region. When have large, prehistoric earthquakes on the fault occurred and how large were they? USGS scientists from the GHSC (Chris DuRoss, Rich Briggs, Ryan Gold, and others) and Menlo Park (Kate Scharer and others) will be excavating a trench across the fault and want to spread the word about the project early.
- **Partners/Stakeholders:** Fugro, USBR, Wyoming Geological Survey, US Forest Service, University of Utah
- **Hill Interest:** potential
- **High-Profile/Controversial:** High-profile
- **Journal/Outlet:** n/a
- **Publication Status:** n/a
- **POC:** Heidi Koontz
- *[THIS WAS IN LAST WEEK'S REPORT]*

**AUGUST**

**Multiple Communications products & activities: IAVCEI 2017 international meeting**

- **What:** suite of communications activities and products to include news releases, social media, video, and more.
- **Date Entered:** April 13, 2017
- **Estimated Release Date:** early August, and maybe throughout summer 2017
- **Where:** Portland, Oregon

- **Background:** international assembly of scientists and emergency managers about worldwide volcano hazards. 1300 attendees expected. Includes scientific sessions, field trips, workshops, panels, and more.
- **Partners/Stakeholders:**
- **Hill Interest:**
- **High-Profile/Controversial:**
- **Journal/Outlet:** NA
- **POC:** Liz Westby and Leslie Gordon
- *[THIS WAS IN LAST WEEK'S REPORT]*

## MONTH UNKNOWN

### **National News Release: National Minerals Information Center (NMIC) factsheet on the use of raw minerals across the US from 1900-2014**

- **What:** NMIC will be publishing a factsheet that looks at more than a century of American mineral use. The minerals and materials presented in fact sheet provide a broad overview of the quantity (weight) of nonfood and nonfuel materials used in the economy and illustrate the use and significance of raw nonfuel minerals in particular as building blocks of society.
- **Date Entered:** March 7
- **Estimated Release Date:** Tentatively July or August
- **Where:** Nationwide
- **Background:** These data have been compiled to help the public and policymakers understand the annual and changing flow of raw materials put into use in the United States.
- **Hill Interest:** Potentially
- **High-Profile/Controversial:** No
- **Journal/Outlet:** None
- **Publication Status:** Unpublished
- **POC:** Jason Burton
- *[THIS WAS IN LAST WEEK'S REPORT]*

### **National News Release: USGS Releases Report on Critical Minerals for the United States**

- **What:** This publication presents resource and geologic information for 23 mineral commodities currently viewed as important to the national economy and national security of the United States, many of which are sourced entirely outside of the United States.
- **Date Entered:** January 19, 2017
- **Estimated Release Date:** Will be determined by DOI
- **Where:** Nationwide
- **Background:** The report provides an in-depth look at each commodity's use, distribution of deposit types, and current status of production, resources, and reserves. The individual commodity chapters serve as an update to the 1973 commodity chapters of USGS Professional Paper 820, United States Mineral Resources.
- **Hill Interest:** Likely
- **High-Profile/Controversial:** Yes
- **Journal/Outlet:** USGS

- **Publication Status:** Unpublished
- **POC:** Alex Demas, [apdemas@usgs.gov](mailto:apdemas@usgs.gov)
- *[THIS WAS IN LAST WEEK'S REPORT]*

#### **Local News Release: Oklahoma low-level flights**

- **What:** Public awareness/FAA mandate - low-level AEM flights in Oklahoma
- **Date Entered:** March 7, 2017
- **Estimated Release Date:** Unknown when flights will begin
- **Where:** Oklahoma
- **Background:**
- **Partners/Stakeholders:**
- **Hill Interest:**
- **High-Profile/Controversial:** Potentially due to previous USGS projects near/on unceded tribal lands
- **Journal/Outlet:** N/A
- **Publication Status:** Unpublished
- **POC:** Heidi Koontz
- *[THIS WAS IN LAST WEEK'S REPORT]*

#### **Regional Technical Announcement: New Portable Test Kit Shows Promise for Rapidly Detecting Asian Carp**

- **What:** A recently developed hand-held tool can significantly improve the on-site detection of bighead carp and silver carp, two species of invasive Asian carp, in the Great Lakes Basin. A USGS video will accompany the announcement.
- **Date Entered:** Feb. 10
- **Estimated Release Date:** ON HOLD for now due to publisher setback
- **Where:** Great Lakes Basin
- **Background:** The USGS and partners field-tested the effectiveness of the test kit for detecting environmental DNA, or eDNA, from bighead carp and silver carp in water samples. This type of DNA is not collected directly from an organism, but filtered from an environmental sample, in this case, water from a commercial fish transport tank. The study found that the kit can accurately detect carp eDNA much more quickly and easily than traditional laboratory tests.
- **Partners/Stakeholders:** Partial funding from the GLRI; Partners include two private companies – Lucigen Corporation and LGC Douglas Scientific; the executive administrator of law enforcement for the Ohio Department of Natural Resources is also quoted because the kit is currently in use by state natural resource agency law enforcement officers in Ohio, Michigan and Illinois
- **Hill Interest:**
- **High-Profile/Controversial:** Potentially high-profile
- **Journal/Outlet:** Journal is TBD
- **Publication Status:** Unpublished
- **POC:** Marisa Lubeck
- *[THIS WAS IN LAST WEEK'S REPORT]*

#### **Technical Announcement: USGS Assesses Potash Potential in Belarus & Ukraine**



- **What:** USGS has completed an assessment of undiscovered potash resources of the Pripyat Basin of Belarus and the Dnieper-Donets Basin of Ukraine.
- **Date Entered:** January 19, 2017
- **Estimated Release Date:** TBD
- **Where:** Belarus & Ukraine
- **Background:** USGS published a global assessment of undiscovered potash resources,
- **Hill Interest:** Unlikely
- **High-Profile/Controversial:**No
- **Journal/Outlet:** USGS
- **Publication Status:** Unpublished
- **POC:** Alex Demas, [apdemas@usgs.gov](mailto:apdemas@usgs.gov)
- *[THIS WAS IN LAST WEEK'S REPORT]*

### Major Press Inquiries

On June 26, USGS scientist Terry Sohl was interviewed by David Sparks of the Ag Information Network of the West (Aginfo.net) for a future story anticipated to run on 94 radio stations across the western U.S. The story is in response to a “Billion Ton” scenario for biofuel production and research to better model future agricultural change described in a [science snippet](#).

Duane Chapman, Columbia Environmental Science Center, was the featured guest on the Michigan Radio program, Stateside for Cynthia Canty's story "Expert: Vigilance, not panic, is what's needed after Asian carp found near Lake Michigan." Mr. Chapman discussed the recent discovery of an adult Asian Carp in the Calumet River and the process the Asian Carp Regional Coordinating Committee has in place to learn how the Asian carp caught came to be on the wrong side of the electric barrier designed to keep the invasive species out of the Great Lakes. (Duane Chapman, [dchapman@usgs.gov](mailto:dchapman@usgs.gov)).

Jeff Schaeffer (Great Lakes Science Center, Ann Arbor, Michigan) was interviewed by Dan Taekema of the Canadian Broadcasting Corporation (CBC) about large emergences of Hexagenia mayflies that are occurring throughout the Canadian shoreline of the St. Clair-Detroit River ecosystem during the weekend of June 17-18, 2017. Videos of cleanup efforts are trending in social media due to mass depositions of mayflies in residential driveways that require pressure washing and then physical removal. Dr. Schaeffer discussed the mayfly life cycle, factors that contribute to mass residential depositions, and the role of mayflies in the ecosystem as highly beneficial organisms that can occasionally cause nuisance abundances. He also shared new USGS research about population dynamics models that might predict annual adult emergence, as well as ideas for reducing concentrations by turning off outdoor lighting. The story will appear on the CBC news website, and portions of the interview were recorded with permission and may be featured on a CBC radio talk show. (Jeff Schaeffer, [jschaeffer@usgs.gov](mailto:jschaeffer@usgs.gov))

On June 21, USGS scientist Annemarie Baltay was interviewed by reporters Tom Vacar and Sami Mamou of KTVU FOX 2 TV (Oakland, CA); Kristen Sze of KGO ABC 7 TV (San Francisco, CA); KPIX 5 CBS TV (San Francisco, CA) and Asian-language KTSF 26 TV about the magnitude 3.3 earthquake located half a mile west of Kensington, California, in the eastern San Francisco Bay Area.

On June 23, USGS scientist Valerie Sahakian was interviewed by Max Rodriguez with North Coast News ABC 23 TV (Eureka, CA) about earthquakes in general and why they occur along the North Coast of California.

On June 27, the USGS reported a series of earthquakes occurring near the town of Truckee, Calif. The earthquake swarm of more than 40 earthquakes range from magnitude -0.1 to 4.0. USGS scientists interviewed about the swarm include the following: Jack Boatwright was interviewed by Dan Kerman of KRON 4 TV (San Francisco, CA). David Schwartz was interviewed by reporter Amanda Rhoades with the Sierra Sun and North Lake Tahoe Bonanza. Fred Pollitz was interviewed by Jesse Gary of KTVU 2 TV (Oakland, CA), both about the earthquake swarm near Truckee and the recently released scientific paper by U.C. Berkeley suggesting that seasonal rain and snow fall can change the stress and trigger small quakes on California earthquake faults (see <http://science.sciencemag.org/content/356/6343/1161> and <http://news.berkeley.edu/2017/06/15/seasonal-rain-and-snow-trigger-small-quakes-on-california-faults/>).

On June 22, USGS public affairs specialist Leslie Gordon was interviewed by SFGate.com about a false Emergency Notification Service (ENS) alert for an M6.8 Santa Barbara earthquake. A software glitch (now fixed) turned an update of the magnitude of a 1925 Santa Barbara M6.8 earthquake into an erroneous ENS notification. Numerous news media outlets contacted the USGS seeking confirmation about the alert.

On June 28, USGS scientist emeritus Brian Atwater was interviewed by reporter Christopher Dunagan of the Environmental Reporter (Kitsap Peninsula) about the paper titled "Sediment gravity flows triggered by remotely generated earthquake waves." This paper (co-authored by USGS scientist Joan Gomberg) provides an alternative explanation for deep-sea deposits in Cascadia that were previously interpreted as evidence for frequent (local) great earthquakes along the Cascadia Subduction Zone.

USGS scientists Lind Gee, David Lockner, and Brian Kilgore will be talking to members of the 51st U.S. American Rock Mechanics Association (ARMA) visiting the USGS campus in Menlo Park, Calif., on June 29. The ARMA visitors will tour the Rock Mechanics Lab and hear about new and exciting advances in experimental studies of rock mechanics and fault friction as well as California earthquake monitoring.

**Title: State Transportation Agencies Partner with USGS to Deploy and Enhance ShakeCast**

- **What:** ShakeCast Transportation Pooled Fund TPF-5(357) Technical Advisory Committee Kick-Off Meeting
- **Date Entered:** 06/26/2017
- **Estimated Date:** 07/18-19/2017
- **Where:** Sacramento, CA
- **Background:** The USGS National Earthquake Information Center (NEIC) and California Department of Transportation (Caltrans) are organizing and leading the Transportation Pooled Fund (TPF) project: "Connecting the DOTs: Implementing ShakeCast Across Multiple State Departments of Transportation for Rapid Post-Earthquake Response," study number TPF-5(357). Ten State Departments of Transportation (DOT) – CA, ID,

MO, MS, OK, OR, SC, TX, UT, and WA – have committed funds totaling \$450,000. The project was approved through the Federal Highway Administration (FHWA) and will begin in July 2017 with research and development to be done by the USGS ShakeCast Team. Additional information can be found on FHWA’s TPF website: <http://www.pooledfund.org/Details/Study/609>

- **Partners/Stakeholders:** Ten state Departments of Transportation (DOT) – CA, ID, MO, MS, OK, OR, SC, TX, UT, and WA
- **Hill Interest:** [Yes]
- **High-Profile/Controversial:** [Yes/No]
- **Journal/Outlet:** USGS
- **Publication Status:** Unpublished
- **POC:** kiln@usgs.gov, wald@usgs.gov

**Title: USGS glacier scientist and center communicator to join Facebook CEO on tour of Glacier NP.**

- **What:** USGS glacier scientist and center communicator to join Facebook CEO on short tour of Glacier NP.
- **Date Entered:** 6/28/17
- **Estimated Date:** 7/15/17
- **Where:** Glacier National Park
- **Background:** USGS glacier scientist Dan Fagre and center communicator Suzanna Soileau have been invited on the request of Facebook Communications Director Derick Mains to join CEO Mark Zuckerberg and park officials in Glacier National Park on July 15 as he travels to Logan Pass to learn more about issues surrounding the natural resources of the park. Facebook learned of Fagre’s work from a press release highlighting a data release on declining glacier margins in the park. Fagre will answer questions about USGS research on changing mountain ecosystems and glacier recession.
- **Partners/Stakeholders:** Glacier National Park
- **Hill Interest:** No
- **High-Profile/Controversial:** Yes
- **Journal/Outlet:** NA
- **Publication Status:** NA
- **POC:** Suzanna Soileau, NOROCK, ssoileau@usgs.gov

**Title: New study: Declines revisited: Long-term recovery and spatial population dynamics of tailed frog larvae after wildfire**

- **What:** Accepted publication
- **Date Entered:** 06/28/17
- **Estimated Date:** July
- **Where:** Montana
- **Background:** USGS scientist Blake Hossack (NOROCK) is author of a new publication accepted in the journal, *Biological Conservation*. Scientists re-surveyed 8 streams 11–12 years after a wildfire to determine if fire-associated declines in abundance of larval Rocky Mountain tailed frogs (*Ascaphus montanus*) persisted or if populations had recovered. Rocky Mountain tailed frogs have several unusual life-history traits that could slow population recovery, including an extended larval period (4 yrs), delayed sexual maturity (6–8 yrs), and low fecundity (<50 eggs/yr). Results showed that negative effects of burn extent on larval abundance weakened >58% within 12 yrs after the fire, allowing populations to recover to near pre-fire levels within 2 generations.

- **Partners/Stakeholders:**
- **Hill Interest:** No
- **High-Profile/Controversial:** No
- **Journal/Outlet:** Biological Conservation
- **Publication Status:** Accepted
- **POC:** Blake Hossack, [blake\\_hossack@usgs.gov](mailto:blake_hossack@usgs.gov)

**Title: New study: Management of pneumonia in bighorn sheep: risk and resilience**

- **What:** Accepted publication
- **Date Entered:** 06/28/17
- **Estimated Date:** July
- **Where:** western US
- **Background:** USGS scientist Paul Cross (NOROCK) is author of a new publication accepted in The Journal of Wildlife Management. Researchers reviewed the literature on bighorn sheep die-offs across the western United States. Molecular, captive experiments and field data suggest that disease transmission between domestic sheep and bighorn sheep is an important driver of bighorn sheep declines. In particular, *Mycoplasma ovipneumoniae* is a pathogen of significant concern.
- **Partners/Stakeholders:**
- **Hill Interest:** No
- **High-Profile/Controversial:** No
- **Journal/Outlet:** The Journal of Wildlife Management.
- **Publication Status:** Accepted
- **POC:** Paul Cross, [pcross@usgs.gov](mailto:pcross@usgs.gov)

**Title: New Article in PLOS ONE Describes Pack Stock (Horses, Mules) Influence on Subalpine Meadows of the Sierra Nevada**

- **What:** Journal Article
- **Date Entered:** 6/28/2017
- **Estimated Date:** 6/13/2017
- **Where:** Online
- **Background:** This month, scientists from the USGS Western Ecological Research Center, Vibrant Data Labs, UC Davis, UC Merced, and the Institut des Sciences de l'Evolution published a new article on pack stock effects on subalpine meadows in PLOS ONE (<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0178536>). The researchers evaluated the influence of horses, mules, and other pack stock animals on subalpine meadow plant communities in Sequoia and Yosemite National Parks. Study results indicated that plant communities across meadows are generally resistant to current levels of recreational pack stock use. However, within-meadow responses such as increased stretches of bare, grazed ground or spatial variability in plant communities can depend on local hydrological conditions. Wilderness managers can improve monitoring of disturbance in Sierra Nevada meadows by adopting multiple plant community indices while also considering local moisture regimes.
- **Partners/Stakeholders:** Vibrant Data Labs, UC Davis, Institut des Sciences de l'Evolution, UC Merced
- **Hill Interest:** No
- **High-Profile/Controversial:** Yes (high-profile journal)
- **Journal/Outlet:** PLOS ONE
- **Publication Status:** Published
- **POC:** Matthew Brooks, 559-240-7622, [mlbrooks@usgs.gov](mailto:mlbrooks@usgs.gov)

**USGS Scientist Interview with *Science Friday* Public Radio International**

- **What:** On Friday, June 30<sup>th</sup>, USGS Alaska Science Center Research Wildlife Biologist Karyn Rode will speak with Ira Flatow on the PRI radio show *Science Friday*. Listen to *Science Friday* live on Fridays from 2-4 p.m. ET
- **Date Entered:** 06/28/17
- **Estimated Date:** Friday, June 29, 2017 from 2-4 p.m. ET
- **Where:** online
- **Background:** The radio interview is coordinated with the release of a video on polar bear research in the Chukchi Sea. The video, produced by *Science Friday*, is part of a series documenting STEM careers and research of women scientists. Science Friday will produce a 7-10 minute long film that will feature Karyn Rode as a woman in a STEM field as she discusses and demonstrates her current and past work, as well as challenges she faced and overcame during her career. Science Friday is collaborating with Howard Hughes Medical Institute to produce six short films about women pursuing careers as scientists. The videos will be published on Science Friday's website, promoted on their radio program, with additional showings on PBS stations and film festivals. In total, each woman's story will reach 3 million people. The program is currently planned to be broadcast in September/October 2017
- **Partners/Stakeholders:**
- **Hill Interest:** No
- **High-Profile:** Maybe
- **Journal/Outlet:** *Science Friday* (Public Radio International) with Ira Flatow
- **Publication Status:** June 29: Video Breakthrough:polar bear witness (<https://www.sciencefriday.com/videos/polar-bear-witness/> ) and live interview June 30, 2017 2:00 pm ET (<https://www.sciencefriday.com/listen/> )
- **POC:** Karyn Rode, USGS Alaska Science Center, [krode@usgs.gov](mailto:krode@usgs.gov) , 907-342-5790

### **USGS Scientists Provide Six Chapters on Polar Bear Research for Book on *Marine Mammal Welfare***

- **What:** USGS Alaska Science Center scientists authored six book chapters for the polar bear section of "*Marine Mammal Welfare: Human Induced Change in the Marine Environment and its Impact on Marine Mammal Welfare*," published by Springer.
- **Date Entered:** 06/28/17
- **Estimated Date:** Book available online now - <http://www.springer.com/us/book/9783319469935>
- **Where:**
- **Background:** Chapters cover a wide range of topics including human-bear interactions, habitat change, population monitoring, and uncertainties in forecasting the response of polar bears to climate change. Information about the book, which also includes sections on cetaceans, seals, sirenians, and otters can be found at <http://www.springer.com/us/book/9783319469935>
- **Partners/Stakeholders:**
- **Hill Interest:**
- **High-Profile:**
- **Journal/Outlet:** Springer
- **Publication Status:** Book available online now - <http://www.springer.com/us/book/9783319469935>
  - Butterworth (Ed.) *Marine Mammal Welfare Human Induced Change in the Marine Environment and its Impacts on Marine Mammal Welfare Series: Animal Welfare*, Vol. 17. 1st ed. 2017, XXVI, 625 p. 61 illus., 28 illus. in color.
  - Peacock, E. The harvest of polar bears across the circumpolar north. Pages 475-488 in *Marine Mammal Welfare: Human Induced Change in the Marine Environment and its Impacts on Marine Mammal Welfare*, A. Butterworth (ed.). Springer, Cham, Switzerland.

- Atwood, T.C. 2017. Implications of rapid environmental change for polar bear behavior and sociality. Pages 445-462 in Marine Mammal Welfare: Human Induced Change in the Marine Environment and its Impacts on Marine Mammal Welfare, A. Butterworth (ed.). Springer, Cham, Switzerland.
- Douglas, D.C. and T.C. Atwood. 2017. Uncertainties in forecasting the response of polar bears to global climate change. Pages 463-474 in Marine Mammal Welfare: Human Induced Change in the Marine Environment and its Impacts on Marine Mammal Welfare, A. Butterworth (ed.). Springer, Cham, Switzerland.
- Durner, G.M. and Atwood, T.C. 2017. Polar bears and sea ice habitat change. Pages 419-444 in Marine Mammal Welfare: Human Induced Change in the Marine Environment and its Impacts on Marine Mammal Welfare, A. Butterworth (ed.). Springer, Cham, Switzerland.
- Atwood, T.C., C. Duncan, K. Patyk, E. Peacock, and S. Sonsthagen. 2017. Monitoring the welfare of polar bear populations in a rapidly changing Arctic. Pages 503-529 in Marine Mammal Welfare: Human Induced Change in the Marine Environment and its Impacts on Marine Mammal Welfare, A. Butterworth (ed.). Springer, Cham, Switzerland.
- Atwood, T.C., S.W. Breck, G. York, J. Wilder, and K. Simac. 2017. Human-polar bear interactions in a changing Arctic: existing and emerging concerns. Pages 397-418 in Marine Mammal Welfare: Human Induced Change in the Marine Environment and its Impacts on Marine Mammal Welfare, A. Butterworth (ed.). Springer, Cham, Switzerland.
- **POC:** Todd Atwood, USGS Alaska Science Center, [tatwood@usgs.gov](mailto:tatwood@usgs.gov) , 907-786-7093

**Title: Pre-Publication Notification: Genetic Analysis of Northern Spotted and California Spotted Owl Hybrids**

- **What:** A paper titled “Genetic Differentiation and Inferred Dynamics of a Hybrid Zone between Northern Spotted Owls (*Strix occidentalis caurina*) and California Spotted Owls (*S. o. occidentalis*) In Northern California” has been accepted for publication at the journal Ecology and Evolution.
- **Date Entered:** June 29
- **Estimated Date:** TBD
- **Where:** Northern California
- **Background:** Northern spotted owls and California spotted owls are genetically different subspecies. To obtain a clearer depiction of owl genetic differentiation and investigate the possibility of hybridization, USGS researchers analyzed 131 owls where the subspecies have close contact in northern California. They combined this data with data from samples collected between 1990 and 2006. Their examination revealed a previously undocumented, highly genetically differentiated lineage of northern spotted owls close to the northern edge of the California spotted owl range, possibly due to this population’s history of isolation. Over 50 percent of northern spotted owls showed evidence of hybrid ancestry; however, no first-generation hybrids were identified. This result may indicate that primary hybridization between subspecies is occurring elsewhere on the landscape or that recent large-scale landscape disturbances, such forest fires, have reduced interactions between subspecies. This study provides the most definitive insights to date regarding hybridization in spotted owls in the northern California contact zone.

- **Partners/Stakeholders:** USFS
- **Hill Interest:** Maybe
- **High-Profile/Controversial:** Maybe
- **Journal/Outlet:** Ecology and Evolution
- **Publication Status:** Embargoed
- **POC:** Carrie Phillips, FRESC, 541-750-1038, [carrie\\_phillips@usgs.gov](mailto:carrie_phillips@usgs.gov)

**Title: New Study: Eagle Movement Response to Environmental Stressors**

- **What:** In a new study, researchers will combine already-existing data on nearly 300 telemetered eagles from numerous studies across the country to evaluate potential environmental drivers of long-distance movements by eagles, and to identify the demographic consequences of those movements.
- **Date Entered:** June 29
- **Estimated Date:** TBD
- **Where:** Across the U.S.
- **Background:** Recent telemetry studies of golden eagle movement suggest that different types of annual movements, including migrations, are strongly influenced by weather. Movement and behavioral responses of eagles from drought-stricken areas are important to understand so that management decisions can be made at the appropriate scale. In a new study, researchers will combine already-existing data on nearly 300 telemetered eagles from numerous studies across the country to evaluate potential environmental drivers of long-distance movements by eagles, and to identify the demographic consequences of those movements. The results will aid the U.S. Fish and Wildlife Service in understanding golden eagle long-distance movements in the context of drought and other weather-related variables so they can take appropriate actions to mitigate threats by knowing when, where, and why eagles move. Combining these data sets presents a unique opportunity to study eagle movements and model underlying drivers of these movements and their conservation implications.
- **Partners/Stakeholders:** USFWS
- **Hill Interest:** Maybe
- **High-Profile/Controversial:** Maybe
- **Journal/Outlet:** TBD
- **Publication Status:** Unpublished
- **POC:** Todd Katzner, FRESC, 208-426-5232, [tkatzner@usgs.gov](mailto:tkatzner@usgs.gov)

**Title: New Study: Holding Their Ground: Does Biocrust Restoration Enhance the Germination of Native Plants and Reduce Soil Degradation?**

- **What:** USGS researchers will experiment with restoring mosses using two stabilization methods, a jute net or hydro-mulch tackifier, to see if they can enhance the germination of native plants and reduce soil degradation on arid lands.
- **Date Entered:** June 29
- **Estimated Date:** TBD
- **Where:** Great Basin
- **Background:** In the Great Basin, soil erosion on burned slopes can be ten times that of unburned slopes. Additionally, revegetation projects often fail because of annual fluctuations in precipitation. Biological soil crusts can reduce soil erosion, and the moss component of these crusts can help retain soil water, improving native plant restoration after fires. USGS researchers will experiment with restoring mosses using two stabilization methods, a jute net or hydro-mulch tackifier. They will compare the jute net against the tackifier to determine how well each method prevents soil erosion, and

restores mosses and native plants. Scientists will use a rainfall simulator to mimic a 25-year maximum storm event to determine soil erosion and water runoff amounts on treatments. Findings from this work may aid tribal, federal, state, and private landowners throughout the Great Basin in protecting soils while restoring plants.

- **Partners/Stakeholders:** ARS
- **Hill Interest:** Maybe
- **High-Profile/Controversial:** Maybe
- **Journal/Outlet:** TBD
- **Publication Status:** Unpublished
- **POC:** David Pyke, FRESC, 541-750-0989, [david\\_a\\_pyke@usgs.gov](mailto:david_a_pyke@usgs.gov)

**Title: A New Earthquake Forecast Model for California**

- **What:** A synopsis overview of a new earthquake forecast model for California (UCERF3) will be published
- **Date Entered:** June 29, 2017
- **Estimated Date:** July 12<sup>th</sup>, 2017
- **Where:** NA
- **Background:** On July 12th, the USGS will publish a new earthquake forecast model for California, known as the 3rd Uniform California Earthquake Rupture Forecast (UCERF3). Building on previous models that quantify the long-term hazard posed by natural tectonic loading, the new model now also includes the short-term hazard posed by earthquake triggering, such as aftershocks. In fact, UCERF3 is the first earthquake forecast to include fault-based information when defining the evolution of cascading earthquake sequences, and to include the possibility that large earthquakes may involve multiple faults. Several recent earthquakes have demonstrated these phenomena, including the recent New Zealand earthquake sequence that culminated in the magnitude 7.8 Kaikoura earthquake. UCERF3 has been delivered to the California Earthquake Authority, the state issuer of earthquake insurance, and is now under evaluation by the USGS as a prototype component of an operational earthquake forecasting system.
- **Partners/Stakeholders:** The Southern California Earthquake Center ([www.scec.org](http://www.scec.org)), the California Geological Survey ([www.conservation.ca.gov/cgs](http://www.conservation.ca.gov/cgs)), and the California Earthquake Authority ([www.earthquakeauthority.com](http://www.earthquakeauthority.com)).
- **Hill Interest:** Maybe
- **High-Profile/Controversial:** Maybe
- **Journal/Outlet:** Seismological Research Letters (<https://www.seismosoc.org/publications/srl>)
- **Publication Status:** Embargoed until July 12, 2017
- **POC:** Edward Field ([field@usgs.gov](mailto:field@usgs.gov); 626-644-6435)

**Invited presentation to the 2017 Northeast Fish Culture Chief / Fish Health Committee Annual Meeting: Fish Intersex Study in New Jersey Waters: An Update on Preliminary Results**

- **What:** Evidence of estrogenic endocrine disruption has been observed in fish populations across the Northeast US. In FY2017 the Leetown Science Center, Fish Health Branch in collaboration with the NJWSC and NJDEP started a state-wide project in New Jersey to comprehensively evaluate chemical and biological evidence of endocrine disruption in fishes and identify associated land-uses. While this project is in currently progress,
- **Date entered:** June 27, 2017



- **Estimated date:** July 20, 2017
- **Where:** Galloway, NJ
- **Background:** The Leetown Science Center, Fish Health Branch has been leading estrogenic endocrine disruption research in the Chesapeake Bay watershed for approximately a decade. That work expanded to the Northeastern US in 2010-2012. Intersex was identified in large and smallmouth bass through the region including the Wallkill River, NJ. These findings garnered great public interest and led to the genesis of a comprehensive state-wide project in New Jersey to get a better handle on the occurrence of this issue.
- **Partners/Stakeholders:** NJ WSC, NJ Department of Environmental Protection
- **Hill Interest:** Yes: Intersex in fishes and endocrine disruption has been a subject of interest on the hill previously. Biologically active chemicals in the aquatic environment that affect fish reproductive physiology have the potential to affect other wildlife and humans. River systems where these observations have been made are sources of public drinking water.
- **High-Profile/Controversial:** Maybe. This research project was launched in response to great public interest and press coverage of the observation of intersex fish in a single river in NJ.
- **Journal/Outlet:** Oral presentation. 2017 Northeast Fish Culture / Chief Fish Health Committee Annual Meeting.
- **Publication Status:** NA
- **POC:** Luke Iwanowicz, USGS Leetown Science Center, [liwanowicz@usgs.gov](mailto:liwanowicz@usgs.gov), 304-724-4550

#### **DOI Briefing on Lesser Prairie Chicken Model**

- **What:** USGS Leetown Science Center research statistician Dave Smith will be participating in a DOI briefing on an upcoming report detailing a new population model for the lesser prairie chicken.
- **Date Entered:** June 27, 2017
- **Estimated Date:** July 13, 2017
- **Where:** Washington, D.C.
- **Background:** The lesser prairie chicken (*Tympanuchus pallidicinctus*) has experienced a substantial and protracted decline resulting in historical lows in estimated abundance in the late 1990s. The FWS received a petition to list the lesser prairie chicken as endangered and is evaluating whether listing under the ESA is warranted. A population viability analysis model to predict future population status of the lesser prairie-chicken was developed and the results will be used in the FWS Species Status Assessment. This model projects declining populations in each ecoregion regardless of habitat or climate change, consistent with estimates derived from other demographic process models. DOI has requested a briefing on this publication.
- **Partners/Stakeholders:** FWS
- **Hill Interest:** Possibly
- **High-Profile/Controversial:** Yes
- **Journal/Outlet:** USGS OFR
- **Publication Status:** In Press
- **POC:** Dave Smith, USGS Leetown Science Center, [drsmith@usgs.gov](mailto:drsmith@usgs.gov), 304-724-4467

**Forthcoming publication develops new statistical approach for estimating groundwater influence in stream ecosystems from air and water temperature data.**

- **What:** A new study used boosted regression tree (BRT) models to reveal interactions among geomorphological landform features (stream slope, elevation, network length, contributing area, and channel confinement) and seasonal precipitation patterns (winter, spring, and summer months) that were robust predictors of spatial and temporal variation in groundwater influence on stream temperatures. This is the first study linking spatial and temporal predictors to groundwater influence at ecologically relevant spatial scales.
- **Date Entered:** June 27, 2017
- **Estimated Date:** July 10, 2017
- **Background:** Temperature is a principal driver of chemical and ecological processes in stream ecosystems and expected increases in stream temperature associated with climate change are particularly concerning for salmonid fishes and other coldwater-dependent species. Headwater stream responses to climate change will depend in part on groundwater-surface water exchanges; therefore, an understanding of spatial and temporal variation in ground- and surface-water interactions is necessary to predict stream ecosystem responses to climate change. This study developed a new model that can be used to predict groundwater effects on stream temperatures from landform and precipitation covariates at fine spatial scales. This approach can assist natural resource managers in identifying and prioritizing stream reaches of potential climate refugia and understanding fish population dynamics by accounting for the spatial structure of thermally-suitable habitat and thermal refugia.
- **Partners/Stakeholders:** FWS, NPS, North Atlantic and Appalachian LCC's, State Resource Agencies, NGO's
- **Hill Interest:** No
- **High-Profile/Controversial:** No
- **Journal/Outlet:** Water Resources Research
- **Publication Status:** In Press
- **POC:** Craig Snyder, USGS Leetown Science Center, csnyder@usgs.gov, 304-724-4468

### **Hometown Science Series and Festival: Communicating local and regional science to the community**

- **What:** USGS Leetown Science Center NARL biologists are partnering with other county, state, and Federal agencies to educate the community about local science. This includes a monthly seminar series highlighting relevant research and a science fair held in downtown Wellsboro in August.
- **Date Entered:** 06/27/2017
- **Estimated Date:** August 12, 2017
- **Where:** Wellsboro, PA
- **Background:** The Tioga County Conservation District and USGS NARL staff are organizing a monthly Hometown Science seminar series in which local scientists are invited to present their research to the community. As part of the series, TCCD and NARL are organizing a Hometown Science Festival for mid-August. This will be a family-oriented event comprised of outreach and learning activities for all age groups. The event will be a collaboration between regional, state, and other Federal agencies, universities, and watershed groups. Part of the festival also includes an art contest for all ages with the theme "Science in our everyday lives." The goal of this event is to make science accessible, exciting, and relevant to members of the local community.

- **Partners/Stakeholders:** Tioga County Conservation District, Pine Creek Watershed Association, PA Department of Conservation of Natural Resources, Western PA Conservancy, Tiadaughton Audubon Society, US Army Corps of Engineers, and others
- **Hill Interest:** No
- **High-Profile/Controversial:** No
- **Journal/Outlet:** N/A
- **Publication Status:** N/A
- **POC:** Heather Galbraith, USGS Leetown Science Center, [hgalbraith@usgs.gov](mailto:hgalbraith@usgs.gov), 570-724-3322, ext. 230

#### **Presentation to Shepherdstown, WV Town Council**

- **What:** In response to the USGS Leetown Science Center Director meeting with the Shepherdstown, WV Town Mayor as part of a ‘meet and greet’, the Mayor has invited the Center Director to provide a presentation to their Town Council in August. The intent is to ensure the Town Council understands “who we are, and what we do” and identify opportunities which the Town’s citizens can benefit from our local presence (e.g. providing expanded internship opportunities to high school / college students).
- **Date entered:** June 27, 2017
- **Estimated date:** August 2017 (TBD)
- **Where:** Sheperdstown, WV
- **Background:** New leadership at the USGS Leetown Science Center believes that the Center’s success depends on developing strong relations with the local community. Outreach to the local community has been lacking for many years. Meeting with local Mayors is part of an overall strategy to increase community awareness and support for the Center.
- **Partners/Stakeholders:** Town of Sheperdstown, WV
- **Hill Interest:** No
- **High-Profile/Controversial:** No
- **Journal/Outlet:** NA
- **Publication Status:** NA
- **POC:** Tom O’Connell, USGS Leetown Science Center, [toconnell@usgs.gov](mailto:toconnell@usgs.gov), 304-724-4401

#### **USGS Scientist to be featured in upcoming news release**

- **What:** USGS Leetown Science Center Research Engineer Philip Sibrell has developed new technology for removal of phosphorus from wastewater
- **Date Entered:** June 28, 2017
- **Estimated Date:** July 7, 2017
- **Where:** NA
- **Background:** Excessive phosphorus (P) inputs to the environment have resulted in the formation of harmful algal blooms (HAB) and anoxic dead zones, leading to the degradation of sensitive water bodies all across the world. Meanwhile, depletion of high grade P deposits has raised the question of the sustainability of the P consumption cycle as it currently exists. The development of new technology to recycle P is urgently needed to address these issues. Dr. Sibrell has developed a novel, patented technology using

dried acid mine drainage ochres as a low-cost adsorbent to efficiently remove phosphorus from agricultural and municipal wastewaters. The development and application of this technology will be described in the news release.

- **Partners/Stakeholders:** Federal and State agencies, municipal and agricultural wastewater treatment operators, and the mining and wastewater treatment industries
- **Hill Interest:** No
- **High-Profile/Controversial:** No
- **Journal/Outlet:** n/a
- **Publication Status:** n/a
- **POC:** Philip Sibrell, USGS Leetown Science Center, [psibrell@usgs.gov](mailto:psibrell@usgs.gov), 304-724-4426

#### **New Stream Gages at USAG Fort Detrick**

- **What:** The MD-DE-DC Water Science Center is installing three stream gages at Area B of the U.S. Army Garrison (USAG) Fort Detrick. The stream gauges will aid in collection of basic data to support hydrologic evaluation.
- **Date entered:** June 26, 2017
- **Estimated date:** July 24, 2017
- **Where:** Fort Detrick, Frederick, MD
- **Background:** Fort Detrick needs supporting background hydrologic data to help understand the ground water to surface water conceptual model in a karst environment. This conceptual model will aid in remediation of ground water contamination
- **Partners/Stakeholders:** USAG Fort Detrick, Army Environmental Command, EPA
- **Hill Interest:** Local and state representatives primarily.
- **High-Profile/Controversial:** Moderately.
- **Journal/Outlet:** N/A.
- **Publication Status:** Publication likely.
- **POC:** Matthew Pajerowski and Brandon Fleming, MD-DE-DC WSC

#### **Prototype Large Format, Low Cost, Suspended Delta 3D Printer**

- **What:** The MD-DE-DC WSC is completing a prototype large format 3D printer that is capable of producing physical 3D models on the scale of approximately six feet wide and six feet long. Additional testing will be needed before the 3D printer can be used in a production capacity.
- **Date entered:** June 26, 2017
- **Estimated date:** Early August, 2017
- **Where:** Baltimore, MD
- **Background:** There was a need for large physical models in order to better communicate with the public and cooperators. Among the requested models were stream restorations and the Chesapeake Bay Impact Structure. Recognizing fiscal limitations and the commercially available products, the center opted to develop a cost effective prototype of a large format 3D printer. This innovation could change the way we are able to communicate science to the public.
- **Partners/Stakeholders:** Internal
- **Hill Interest:** Local and state representatives primarily.
- **High-Profile/Controversial:** No

- **Journal/Outlet:** Journal article likely.
- **Publication Status:** Publication likely.
- **POC:** Ethan Weikel, MD-DE-DC WSC

**Title/Headline:** Flooding in New York communities along Lake Ontario

- **What:** In addition to four existing NOAA lake level gages on Lake Ontario, NYWSC will deploy fourteen stage-recording devices at various locations along the southern and eastern shores of Lake Ontario. Eight Rapid Deployment Gages (RDG) with satellite telemetry capability, and six pressure sensors (without satellite telemetry capability) will be deployed. Water-level gages and sensors will be deployed through the peak and recession of lake levels to near-normal seasonal levels over the next several months.
- **Date Entered:** 6/22/17
- **Estimated Date:** RDG deployment and real-time data to commence around mid July 2017
- **Where:** Various locations along the U.S. southern and eastern shores of Lake Ontario in NY
- **Background:** Gov. Andrew Cuomo is blasting the joint U.S.-Canadian panel that controls the outflow of water from Lake Ontario, saying the agency bears much of the blame for flooding in New York's lakeside communities. A spokesman for the commission says nobody could have predicted the record spring rainfall that raised the lake level. The Army Corps of Engineers says the level of all five Great Lakes will be above normal all summer.
- **Partners/Stakeholders:** The New York State Departments of Environmental Conservation and State and the Federal Emergency Management Agency
- **Hill Interest:** Yes
- **High-Profile/Controversial:** Maybe
- **Journal/Outlet:** To meet these data needs information will be transmitted by satellite telemetry to and be available near real-time through the USGS National Water Information System ; <https://maps.waterdata.usgs.gov/mapper/index.html>.
- **Publication Status:** N/A
- **POC:** Gerard Butch [gkbutch@usgs.gov](mailto:gkbutch@usgs.gov), William Coon; [wcoon@usgs.gov](mailto:wcoon@usgs.gov)

**Coastal and Estuarine Science News (newsletter highlight) and Estuaries and Coasts (original publication)**

- **What:** Publication highlights for enhanced distribution
- **Date Entered:** 06/23/2017
- **Estimated date:** Upcoming edition, late summer (July?)
- **Where:** A recent publication, Woodland, R. J., C. L. Rowe, and P. F. P. Henry. 2017. Changes in habitat availability for multiple life stages of diamondback terrapins (*Malaclemys terrapin*) in Chesapeake Bay in response to sea level rise. *Estuaries and Coasts*. (DOI:10.1007/s12237-017-0209-2) has been selected by the Coastal and Estuarine Research Federation (CERF) to be highlighted in their the electronic newsletter, Coastal and Estuarine Science News (CESN). The publication is based on a study in which we applied our Chesapeake Bay shoreline survey data identifying active Diamondback terrapin nesting sites (<https://www.pwrc.usgs.gov/terrapin/mapdata.cfm>) to

a model, and mapped regional inundation and erosion under a range of sea level rise scenarios projected out to future dates ranging from 2025 to 2100. This recognition and outlet should help further disseminate our findings to the community and a wider coastal and resource management audience.

- **Partners/Stakeholders:** Ryan J Woodland and Christopher L Rowe, Chesapeake Biological Laboratory & University of Maryland Center for Environmental Science
- **Hill Interest:** Maybe
- **High-Profile/Controversial:** No
- **Journal/Outlet:** Coastal and Estuarine Science News (newsletter highlight) and Estuaries and Coasts (original publication)
- **Publication Status:** Published
- **POC:** Dr. Paula F. P. Henry, USGS Patuxent Wildlife Research Center, phenry@usgs.gov, 301-497-5728

### **BOEM Report: Determining Fine-scale Use and Movement Patterns of Diving Bird Species in Federal Waters of the Mid-Atlantic United States Using Satellite Telemetry**

- **What:** Final Report to Bureau of Ocean and Energy Management
- **Date Entered:** 06/23/2017
- **Estimated date:** End of July 2017, Early August 2017
- **Where:** N/A
- **Background:** Research was conducted from 2012–2016 to track three species of diving marine birds with satellite tags – the Red-throated Loon (*Gavia stellata*), Surf Scoter (*Melanitta perspicillata*), and Northern Gannet (*Morus bassana*). The primary objective of the work was to collect and analyze tracking data to determine fine scale occurrence and movement patterns in Federal waters of the mid-Atlantic U.S. during migration and winter. Hundreds of individuals were tagged during the study period, making this one of most comprehensive satellite tracking studies of marine birds ever conducted in Atlantic North America. Additional objectives included: (1) better identifying connectivity and distribution of all three species across seasons (including delineating source breeding populations when possible); (2) designing and testing externally mounted transmitter attachment techniques on focal species, with goals of increasing tag longevity and reducing bird mortality; and (3) developing winter capture techniques for Northern Gannets which had not previously been captured at sea during winter. This project was funded by the Bureau of Ocean Energy Management (BOEM) through Intra-agency Agreement M12PG00005 with the United States Fish and Wildlife Service (USFWS). Additional funding was provided by the U.S. Department of Energy, the Sea Duck Joint Venture, the Bailey Foundation, and the U.S. Fish and Wildlife Service.
- **Partners/Stakeholders:** Environment Canada, Canadian Wildlife Service, North Carolina Wildlife Resources Commission, University Rhode Island, Rhode Island Department of Environmental Conservation, BOEM retired staff, US Fish and Wildlife Service, Massachusetts Audubon, Ducks Unlimited, Bird Studies Canada, Long Point Waterfowl, Biodiversity Research Institute, University of Montreal, New Brunswick Department of Natural Resources, Virginia Department of Game and Fish, Maryland Dept. of Natural Resources, Université du Québec à Montréal, McGill University, Telonics, Cellular Tracking Technologies, Microwave Telemetry Inc., and Avery Outdoors.

- **Hill Interest:** Yes
- **High-Profile/Controversial:** Yes
- **Journal/Outlet:** Spiegel, C.S., A.M. Berlin, A.T. Gilbert, C.O. Gray, W.A. Montevecchi, I.J. Stenhouse, S.L. Ford, G.H. Olsen, J.L. Fiely, L. Savoy, M.W. Goodale, and C.M. Burke. 2017. Determining Fine- scale Use and Movement Patterns of Diving Bird Species in Federal Waters of the Mid- Atlantic United States Using Satellite Telemetry. U.S. Department of the Interior, Bureau of Ocean Energy Management, Division of Environmental Sciences, Sterling, VA. OCS Study BOEM 20XX-XXX.
- **Publication Status:** Unpublished. Under BOEM review
- **POC:** Dr. Alicia Berlin, USGS Patuxent Wildlife Research Center, aberlin@usgs.gov, 301-497-5730

**Title: Upcoming Publication on the Effects of Wildfire and Drought on Stream Habitat for Lahontan cutthroat trout**

**What:** Researchers from the USGS Forest and Rangelands Ecosystem Science Center and partner organizations studied how drought and an associated stressor, wildfire, influenced stream flow permanence and thermal regimes in a Great Basin stream network. A new paper describes their findings, and the impacts on habitat for the Lahontan cutthroat trout.

**Date Entered:** 6/29/2017

**Estimated Date:** TBD - soon. Now In Press

**Background:** This study was funded, in part, by the USGS National Climate Change and Wildlife Science Center through a project focused on drought and stream drying in the Western U.S.

**Partners/Stakeholders:** BLM, University of Georgia, Oregon State University

**Hill Interest:** N

**High-Profile/Controversial:** N

**Journal/Outlet (if applicable):** Journal of Arid Environments

**Publication Status (if applicable):** Available Online in early view

<http://www.sciencedirect.com/science/article/pii/S014019631730112X>

**POC:** Jason Dunham, [jdunham@usgs.gov](mailto:jdunham@usgs.gov); Holly Padgett, [hpadgett@usgs.gov](mailto:hpadgett@usgs.gov)

**Title: Launch of the Northeast Indigenous Climate Resilience Network - Online Website**

**What:** The Sustainable Development Institute at the College of Menominee Nation, a member of the DOI Northeast Climate Science Center's consortium, will launch an online resource for Tribal members, scientists, and supporting partners to engage on similar interests, find research and adaptation opportunities together, and to connect across our region. This tool was developed with funding from the DOI Northeast Climate Science Center (managed by USGS).

**Date Entered:** June 29, 2017

**Estimated Date:** Late June 2017

**Where:** Northeast

**Background:** This website will provide the latest tools and resources for Indigenous peoples and scientists to work together towards meeting the current challenges of climate change.

**Partners/Stakeholders:** This is the result of work done by Chris Caldwell (SDI Director); Dean Fellman (CFAF Director); Cynthia Norton (Sustainability Administrative Assistant); Rebecca Edler (Sustainability Coordinator) and Cherie Thunder (Sustainability Education)

Coordinator). In addition, Greg Gauthier, a Tribal College and University (TCU) Americorps VISTA Volunteer position, assisted with this project.

**Hill Interest:** No

**High-Profile/Controversial:** No

**Journal/Outlet (if applicable):** N/A

**Publication Status (if applicable):** Finishing touches will continue for the next few weeks, before it is officially "launched"

**POC:** Jeanne Brown, NE CSC, [jeannebrown@umass.edu](mailto:jeannebrown@umass.edu); Holly Padgett, [hpadgett@usgs.gov](mailto:hpadgett@usgs.gov)

**Title: Upcoming Publication on the 20,000 Year Record of Vegetation Response to Climate Change in Missouri**

**What:** Steve Jackson, USGS, Director of the DOI Southwest Climate Science Center, is corresponding author on a paper to be published this summer that presents a 20,000-year record of vegetational response to climate change in the Ozark Mountains of southern Missouri.

**Date Entered:** 6/29/2017

**Estimated Date:** Summer 2017

**Background:** The paper describes a detailed pollen, charcoal, and macrofossil record that tracks the transitions from glacial-age boreal forest through a series of deglacial no-analog forests and woodlands, through Holocene oak woodlands, culminating just 1800 years ago in modern oak-pine forests. The record shows rapid vegetation transitions corresponding to abrupt climate changes.

**Partners/Stakeholders:**

**Hill Interest:** N

**High-Profile/Controversial:** N

**Journal/Outlet (if applicable):** Quaternary Science Reviews

**Publication Status (if applicable):** To be published summer 2017;

R.A. Jones, J.W. Williams & S.T. Jackson. 2017. Vegetation history since the Last Glacial Maximum in the Ozark Highlands (USA): a new record from Cupola Pond, Missouri. Quaternary Science Reviews

**POC:** Steve Jackson, [stjackson@usgs.gov](mailto:stjackson@usgs.gov); Holly Padgett, [hpadgett@usgs.gov](mailto:hpadgett@usgs.gov)

**Title: Upcoming Publication Defines and Provides a Conceptual Framework for "Ecological Drought"**

**What:** In a new publication, authors from the USGS and partner organizations define and describe "ecological drought" - a new type of drought that integrates the ecological, climatic, hydrological, socioeconomic, and cultural dimensions of drought.

**Date Entered:** 6/29/2017

**Estimated Date:** Week of July 3 (or later)

**Where:** National?

**Background:** The research was conducted by the Ecological Drought Working Group, an initiative supported by the USGS National Climate Change and Wildlife Science Center.

**Partners/Stakeholders:** National Center for Ecological Analysis and Synthesis, University of California, Santa Barbara; Wildlife Conservation Society; The Nature Conservancy; National Drought Mitigation Center, University of Nebraska, Lincoln; Alaska Pacific

University; Montana State University; National Integrated Drought Information System Program



Office, University Corporation for Atmospheric Research; University of California; University of Massachusetts, Amherst; Emerson College; Climate Central

**Hill Interest:** N?

**High-Profile/Controversial:** N?

**Journal/Outlet (if applicable):** Journal of the American Meteorological Society

**Publication Status (if applicable):** Online in Early Release

View; <http://journals.ametsoc.org/doi/abs/10.1175/BAMS-D-16-0292.1?af=R>

**POC:** Shawn Carter, [scarter@usgs.gov](mailto:scarter@usgs.gov); Holly Padgett, [hpadgett@usgs.gov](mailto:hpadgett@usgs.gov)

**What:** USGS research improves understanding of water availability in mountains— our Nation’s “water towers”

**Date Entered:** June 30, 2017

**Estimated Date:** July 2017

**Background:** Mountains receive more rain and snow than other environments, thus serving as “water towers” for nearby populations. It is therefore critical to develop a solid understanding of water availability in mountain watersheds. USGS scientists, led by Sheila Murphy, Research Hydrologist and funded by USGS CLU R&D, collaborated with the USDA-Forest Service to improve our understanding of rainfall and stream discharge in the El Yunque National Forest, a critical water supply area for Puerto Rico. This work is relevant to water-supply management and flood hazard planning. It also has important implications for global hydrological models, ecological assessments, and climate change investigations, because El Yunque often serves as a wet tropical example in assessments.

**Partners/Stakeholders:** USDA-Forest Service; Luquillo Critical Zone Observatory and Luquillo Long-Term Ecological Research Program (both NSF-funded programs)

**Hill Interest:** The USGS provides critical information about water availability and its vulnerability to changing climate and land use.

**High-Profile/Controversial:** No

**Journal/Outlet:** PLOS One

**POC:** Sheila Murphy at [sfmurphy@usgs.gov](mailto:sfmurphy@usgs.gov) or 303-541-3023.

## **Items for the DOI Issues Report**

The purpose of reporting items here is to ensure that senior managers and the DOI are aware of future USGS activities on high-profile, sensitive, or controversial issues. **For the June 27th – 30th report only include events starting Weds. July 5th or later** that involve high-profile, sensitive, or controversial issues. The start of a new study; future meetings; future presentations with key findings on high-profile issues; future activities involving foreign countries; major awards to be presented; future action in response to a crisis, emergency or meeting.

Please use the bullet format for each item.

**Title:** [Simplified]

- **What:** [What will happen]
- **Date Entered:** [Date you submitted the item]
- **Estimated Date:** [Date of the event or product. Estimates or TBD are acceptable. Only report future items.]
- **Where:** [Location of the study or event]
- **Background:** [Extra information, such as why the research was done or why it's important]
- **Partners/Stakeholders:** [Collaborators or funders]
- **Hill Interest:** [Yes/No/Maybe]
- **High-Profile/Controversial:** [Yes/No/Maybe]
- **Journal/Outlet:** [USGS or Name of Journal]
- **Publication Status:** [Unpublished/Embargoed/Published]
- **POC:** [Communications, Scientist, or Center Lead]

## **Items for the Western States Weekly Highlights Only**

***Highlights are for audiences internal to USGS only – please do not forward this outside of the USGS***

Items largely of current regional or local interest events, meetings, published publications, news media, and congressional; distributed regionally to Western States Cost Center Directors, Communication and Outreach Contacts, the Western Leadership Team, and other interested internal customers.

*These items are usually shown as received -- unedited for style, brevity, or conformity with established DOI or USGS highlight standards. **Narrative style is acceptable.** Please include complete information: who, what, when, where, why under your center's name.*

**The science centers have been placed in no particular order, however, each week I will rotate out each center so that everyone gets a chance to be at the top.**

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**Report ALL High Profile Items for the DOI Issues Report Here:**

**Title: State Transportation Agencies Partner with USGS to Deploy and Enhance ShakeCast**

- **What:** ShakeCast Transportation Pooled Fund TPF-5(357) Technical Advisory Committee Kick-Off Meeting
- **Date Entered:** 06/26/2017
- **Estimated Date:** 07/18-19/2017
- **Where:** Sacramento, CA
- **Background:** The USGS National Earthquake Information Center (NEIC) and California Department of Transportation (Caltrans) are organizing and leading the Transportation Pooled Fund (TPF) project: “Connecting the DOTs: Implementing ShakeCast Across Multiple State Departments of Transportation for Rapid Post-Earthquake Response,” study number TPF-5(357). Ten State Departments of Transportation (DOT) – CA, ID, MO, MS, OK, OR, SC, TX, UT, and WA – have committed funds totaling \$450,000. The project was approved through the Federal Highway Administration (FHWA) and will begin in July 2017 with research and development to be done by the USGS ShakeCast Team. Additional information can be found on FHWA’s TPF website: <http://www.pooledfund.org/Details/Study/609>
- **Partners/Stakeholders:** Ten state Departments of Transportation (DOT) – CA, ID, MO, MS, OK, OR, SC, TX, UT, and WA
- **Hill Interest:** [Yes]
- **High-Profile/Controversial:** [Yes/No]
- **Journal/Outlet:** USGS
- **Publication Status:** Unpublished
- **POC:** kiln@usgs.gov, wald@usgs.gov

**Title: USGS glacier scientist and center communicator to join Facebook CEO on tour of Glacier NP.**

- **What:** USGS glacier scientist and center communicator to join Facebook CEO on short tour of Glacier NP.
- **Date Entered:** 6/28/17
- **Estimated Date:** 7/15/17
- **Where:** Glacier National Park
- **Background:** USGS glacier scientist Dan Fagre and center communicator Suzanna Soileau have been invited on the request of Facebook Communications Director Derick Mains to join CEO Mark Zuckerberg and park officials in Glacier National Park on July 15 as he travels to Logan Pass to learn more about issues surrounding the natural resources of the park. Facebook learned of Fagre’s work from a press release highlighting a data release on declining glacier margins in the park. Fagre will answer questions about USGS research on changing mountain ecosystems and glacier recession.
- **Partners/Stakeholders:** Glacier National Park
- **Hill Interest:** No
- **High-Profile/Controversial:** Yes
- **Journal/Outlet:** NA
- **Publication Status:** NA
- **POC:** Suzanna Soileau, NOROCK, [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

**Title: New study: Declines revisited: Long-term recovery and spatial population dynamics of tailed frog larvae after wildfire**

- **What:** Accepted publication
- **Date Entered:** 06/28/17
- **Estimated Date:** July
- **Where:** Montana
- **Background:** USGS scientist Blake Hossack (NOROCK) is author of a new publication accepted in the journal, *Biological Conservation*. Scientists re-surveyed 8 streams 11–12 years after a wildfire to determine if fire-associated declines in abundance of larval Rocky Mountain tailed frogs (*Ascaphus montanus*) persisted or if populations had recovered. Rocky Mountain tailed frogs have several unusual life-history traits that could slow population recovery, including an extended larval period (4 yrs), delayed sexual maturity (6–8 yrs), and low fecundity (<50 eggs/yr). Results showed that negative effects of burn extent on larval abundance weakened >58% within 12 yrs after the fire, allowing populations to recover to near pre-fire levels within 2 generations.
- **Partners/Stakeholders:**
- **Hill Interest:** No
- **High-Profile/Controversial:** No
- **Journal/Outlet:** Biological Conservation
- **Publication Status:** Accepted
- **POC:** Blake Hossack, [blake\\_hossack@usgs.gov](mailto:blake_hossack@usgs.gov)

**Title: New study: Management of pneumonia in bighorn sheep: risk and resilience**

- **What:** Accepted publication
- **Date Entered:** 06/28/17
- **Estimated Date:** July
- **Where:** western US
- **Background:** USGS scientist Paul Cross (NOROCK) is author of a new publication accepted in The Journal of Wildlife Management. Researchers reviewed the literature on bighorn sheep die-offs across the western United States. Molecular, captive experiments and field data suggest that disease transmission between domestic sheep and bighorn sheep is an important driver of bighorn sheep declines. In particular, *Mycoplasma ovipneumoniae* is a pathogen of significant concern.
- **Partners/Stakeholders:**
- **Hill Interest:** No
- **High-Profile/Controversial:** No
- **Journal/Outlet:** The Journal of Wildlife Management.
- **Publication Status:** Accepted
- **POC:** Paul Cross, [pcross@usgs.gov](mailto:pcross@usgs.gov)

**Title: New Article in PLOS ONE Describes Pack Stock (Horses, Mules) Influence on Subalpine Meadows of the Sierra Nevada**

- **What:** Journal Article
- **Date Entered:** 6/28/2017
- **Estimated Date:** 6/13/2017
- **Where:** Online

- **Background:** This month, scientists from the USGS Western Ecological Research Center, Vibrant Data Labs, UC Davis, UC Merced, and the Institut des Sciences de l'Évolution published a new article on pack stock effects on subalpine meadows in PLOS ONE (<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0178536>). The researchers evaluated the influence of horses, mules, and other pack stock animals on subalpine meadow plant communities in Sequoia and Yosemite National Parks. Study results indicated that plant communities across meadows are generally resistant to current levels of recreational pack stock use. However, within-meadow responses such as increased stretches of bare, grazed ground or spatial variability in plant communities can depend on local hydrological conditions. Wilderness managers can improve monitoring of disturbance in Sierra Nevada meadows by adopting multiple plant community indices while also considering local moisture regimes.
- **Partners/Stakeholders:** Vibrant Data Labs, UC Davis, Institut des Sciences de l'Évolution, UC Merced
- **Hill Interest:** No
- **High-Profile/Controversial:** Yes (high-profile journal)
- **Journal/Outlet:** PLOS ONE
- **Publication Status:** Published
- **POC:** Matthew Brooks, 559-240-7622, mlbrooks@usgs.gov

**Title: USGS Scientist Interview with *Science Friday* Public Radio International**

- **What:** On Friday, June 30<sup>th</sup>, USGS Alaska Science Center Research Wildlife Biologist Karyn Rode will speak with Ira Flatow on the PRI radio show *Science Friday*. Listen to [Science Friday](#) live on Fridays from 2-4 p.m. ET
- **Date Entered:** 06/28/17
- **Estimated Date:** Friday, June 29, 2017 from 2-4 p.m. ET
- **Where:** online
- **Background:** The radio interview is coordinated with the release of a video on polar bear research in the Chukchi Sea. The video, produced by *Science Friday*, is part of a series documenting STEM careers and research of women scientists. Science Friday will produce a 7-10 minute long film that will feature Karyn Rode as a woman in a STEM field as she discusses and demonstrates her current and past work, as well as challenges she faced and overcame during her career. Science Friday is collaborating with [Howard Hughes Medical Institute](#) to produce six short films about women pursuing careers as scientists. The videos will be published on Science Friday's website, promoted on their radio program, with additional showings on PBS stations and film festivals. In total, each woman's story will reach 3 million people. The program is currently planned to be broadcast in September/October 2017
- **Partners/Stakeholders:**
- **Hill Interest:** No
- **High-Profile:** Maybe
- **Journal/Outlet:** *Science Friday* (Public Radio International) with Ira Flatow
- **Publication Status:** June 29: Video Breakthrough:polar bear witness (<https://www.sciencefriday.com/videos/polar-bear-witness/>) and live interview June 30, 2017 2:00 pm ET (<https://www.sciencefriday.com/listen/>)
- **POC:** Karyn Rode, USGS Alaska Science Center, krode@usgs.gov , 907-342-5790

**Title: USGS Scientists Provide Six Chapters on Polar Bear Research for Book on *Marine Mammal Welfare***

- **What:** USGS Alaska Science Center scientists authored six book chapters for the polar bear section of “*Marine Mammal Welfare: Human Induced Change in the Marine Environment and its Impact on Marine Mammal Welfare*,” published by Springer.
- **Date Entered:** 06/28/17
- **Estimated Date:** Book available online now - <http://www.springer.com/us/book/9783319469935>
- **Where:**
- **Background:** Chapters cover a wide range of topics including human-bear interactions, habitat change, population monitoring, and uncertainties in forecasting the response of polar bears to climate change. Information about the book, which also includes sections on cetaceans, seals, sirenians, and otters can be found at <http://www.springer.com/us/book/9783319469935>
- **Partners/Stakeholders:**
- **Hill Interest:**
- **High-Profile:**
- **Journal/Outlet:** Springer
- **Publication Status:** Book available online now - <http://www.springer.com/us/book/9783319469935>
  - Butterworth (Ed.) *Marine Mammal Welfare Human Induced Change in the Marine Environment and its Impacts on Marine Mammal Welfare Series: Animal Welfare*, Vol. 17. 1st ed. 2017, XXVI, 625 p. 61 illus., 28 illus. in color.
  - Peacock, E. The harvest of polar bears across the circumpolar north. Pages 475-488 in *Marine Mammal Welfare: Human Induced Change in the Marine Environment and its Impacts on Marine Mammal Welfare*, A. Butterworth (ed.). Springer, Cham, Switzerland.
  - Atwood, T.C. 2017. Implications of rapid environmental change for polar bear behavior and sociality. Pages 445-462 in *Marine Mammal Welfare: Human Induced Change in the Marine Environment and its Impacts on Marine Mammal Welfare*, A. Butterworth (ed.). Springer, Cham, Switzerland.
  - Douglas, D.C. and T.C. Atwood. 2017. Uncertainties in forecasting the response of polar bears to global climate change. Pages 463-474 in *Marine Mammal Welfare: Human Induced Change in the Marine Environment and its Impacts on Marine Mammal Welfare*, A. Butterworth (ed.). Springer, Cham, Switzerland.
  - Durner, G.M. and Atwood, T.C. 2017. Polar bears and sea ice habitat change. Pages 419-444 in *Marine Mammal Welfare: Human Induced Change in the*

Marine Environment and its Impacts on Marine Mammal Welfare, A. Butterworth (ed.). Springer, Cham, Switzerland.

- Atwood, T.C., C. Duncan, K. Patyk, E. Peacock, and S. Sonsthagen. 2017. Monitoring the welfare of polar bear populations in a rapidly changing Arctic. Pages 503-529 in Marine Mammal Welfare: Human Induced Change in the Marine Environment and its Impacts on Marine Mammal Welfare, A. Butterworth (ed.). Springer, Cham, Switzerland.
- Atwood, T.C., S.W. Breck, G. York, J. Wilder, and K. Simac. 2017. Human-polar bear interactions in a changing Arctic: existing and emerging concerns. Pages 397-418 in Marine Mammal Welfare: Human Induced Change in the Marine Environment and its Impacts on Marine Mammal Welfare, A. Butterworth (ed.). Springer, Cham, Switzerland.

**POC:** Todd Atwood, USGS Alaska Science Center, [tatwood@usgs.gov](mailto:tatwood@usgs.gov) , 907-786-7093

**Title: Pre-Publication Notification: Genetic Analysis of Northern Spotted and California Spotted Owl Hybrids**

- **What:** A paper titled “Genetic Differentiation and Inferred Dynamics of a Hybrid Zone between Northern Spotted Owls (*Strix occidentalis caurina*) and California Spotted Owls (*S. o. occidentalis*) In Northern California” has been accepted for publication at the journal Ecology and Evolution.
- **Date Entered:** June 29
- **Estimated Date:** TBD
- **Where:** Northern California
- **Background:** Northern spotted owls and California spotted owls are genetically different subspecies. To obtain a clearer depiction of owl genetic differentiation and investigate the possibility of hybridization, USGS researchers analyzed 131 owls where the subspecies have close contact in northern California. They combined this data with data from samples collected between 1990 and 2006. Their examination revealed a previously undocumented, highly genetically differentiated lineage of northern spotted owls close to the northern edge of the California spotted owl range, possibly due to this population’s history of isolation. Over 50 percent of northern spotted owls showed evidence of hybrid ancestry; however, no first-generation hybrids were identified. This result may indicate that primary hybridization between subspecies is occurring elsewhere on the landscape or that recent large-scale landscape disturbances, such forest fires, have reduced interactions between subspecies. This study provides the most definitive insights to date regarding hybridization in spotted owls in the northern California contact zone.
- **Partners/Stakeholders:** USFS
- **Hill Interest:** Maybe
- **High-Profile/Controversial:** Maybe
- **Journal/Outlet:** Ecology and Evolution
- **Publication Status:** Embargoed
- **POC:** Carrie Phillips, FRESC, 541-750-1038, [carrie\\_phillips@usgs.gov](mailto:carrie_phillips@usgs.gov)

**Title: New Study: Eagle Movement Response to Environmental Stressors**

- **What:** In a new study, researchers will combine already-existing data on nearly 300 telemetered eagles from numerous studies across the country to evaluate potential environmental drivers of long-distance movements by eagles, and to identify the demographic consequences of those movements.
- **Date Entered:** June 29
- **Estimated Date:** TBD
- **Where:** Across the U.S.
- **Background:** Recent telemetry studies of golden eagle movement suggest that different types of annual movements, including migrations, are strongly influenced by weather. Movement and behavioral responses of eagles from drought-stricken areas are important to understand so that management decisions can be made at the appropriate scale. In a new study, researchers will combine already-existing data on nearly 300 telemetered eagles from numerous studies across the country to evaluate potential environmental drivers of long-distance movements by eagles, and to identify the demographic consequences of those movements. The results will aid the U.S. Fish and Wildlife Service in understanding golden eagle long-distance movements in the context of drought and other weather-related variables so they can take appropriate actions to mitigate threats by knowing when, where, and why eagles move. Combining these data sets presents a unique opportunity to study eagle movements and model underlying drivers of these movements and their conservation implications.
- **Partners/Stakeholders:** USFWS
- **Hill Interest:** Maybe
- **High-Profile/Controversial:** Maybe
- **Journal/Outlet:** TBD
- **Publication Status:** Unpublished
- **POC:** Todd Katzner, FRESC, 208-426-5232, [tkatzner@usgs.gov](mailto:tkatzner@usgs.gov)

**Title: New Study: Holding Their Ground: Does Biocrust Restoration Enhance the Germination of Native Plants and Reduce Soil Degradation?**

- **What:** USGS researchers will experiment with restoring mosses using two stabilization methods, a jute net or hydro-mulch tackifier, to see if they can enhance the germination of native plants and reduce soil degradation on arid lands.
- **Date Entered:** June 29
- **Estimated Date:** TBD
- **Where:** Great Basin
- **Background:** In the Great Basin, soil erosion on burned slopes can be ten times that of unburned slopes. Additionally, revegetation projects often fail because of annual fluctuations in precipitation. Biological soil crusts can reduce soil erosion, and the moss component of these crusts can help retain soil water, improving native plant restoration after fires. USGS researchers will experiment with restoring mosses using two stabilization methods, a jute net or hydro-mulch tackifier. They will compare the jute net against the tackifier to determine how well each method prevents soil erosion, and restores mosses and native plants. Scientists will use a rainfall simulator to mimic a 25-year maximum storm event to determine soil erosion and water runoff amounts on



treatments. Findings from this work may aid tribal, federal, state, and private landowners throughout the Great Basin in protecting soils while restoring plants.

- **Partners/Stakeholders:** ARS
- **Hill Interest:** Maybe
- **High-Profile/Controversial:** Maybe
- **Journal/Outlet:** TBD
- **Publication Status:** Unpublished
- **POC:** David Pyke, FRESC, 541-750-0989, [david\\_a\\_pyke@usgs.gov](mailto:david_a_pyke@usgs.gov)

**Title: A New Earthquake Forecast Model for California**

- **What:** A synopsis overview of a new earthquake forecast model for California (UCERF3) will be published
- **Date Entered:** June 29, 2017
- **Estimated Date:** July 12<sup>th</sup>, 2017
- **Where:** NA
- **Background:**
  - On July 12th, the USGS will publish a new earthquake forecast model for California, known as the 3rd Uniform California Earthquake Rupture Forecast (UCERF3). Building on previous models that quantify the long-term hazard posed by natural tectonic loading, the new model now also includes the short-term hazard posed by earthquake triggering, such as aftershocks. In fact, UCERF3 is the first earthquake forecast to include fault-based information when defining the evolution of cascading earthquake sequences, and to include the possibility that large earthquakes may involve multiple faults. Several recent earthquakes have demonstrated these phenomena, including the recent New Zealand earthquake sequence that culminated in the magnitude 7.8 Kaikoura earthquake. UCERF3 has been delivered to the California Earthquake Authority, the state issuer of earthquake insurance, and is now under evaluation by the USGS as a prototype component of an operational earthquake forecasting system.
- **Partners/Stakeholders:** The Southern California Earthquake Center ([www.scec.org](http://www.scec.org)) the California Geological Survey ([www.conservation.ca.gov/cgs](http://www.conservation.ca.gov/cgs)), and the California Earthquake Authority ([www.earthquakeauthority.com](http://www.earthquakeauthority.com)).
- **Hill Interest:** Maybe
- **High-Profile/Controversial:** Maybe
- **Journal/Outlet:** Seismological Research Letters (<https://www.seismosoc.org/publications/srl>)
- **Publication Status:** Embargoed until July 12, 2017
- **POC:** Edward Field ([field@usgs.gov](mailto:field@usgs.gov); 626-644-6435)

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## Report Western States Weekly Highlights Here Under Your Science Center:

### Alaska Science Center (ASC):

**Collaborative USGS and BLM Alaska Fire Service Campaign Investigates North Slope Tundra Fires:** During July, Alaska Science Center Geographers Benjamin Jones and Carson Baughman, will collaborate with BLM Fire Ecologists Eric Miller and Randi Jandt, of the Alaska Fire Science Consortium, to study post-fire effects within the Anaktuvuk River tundra fire. This year's survey marks ten years since the fire burned over 1,000 square kilometers of tundra on Alaska's North Slope. The team will revisit long term study plots to assess changes in vegetation and subsidence of permafrost-influenced terrain due to ground ice melt. They will also measure ecosystem components in very old and previously unrecognized tundra fires from the early 1900s. The aim of the research is to improve land manager's understanding of fire effects on Alaska's North Slope; a region expected to see more frequent and severe fires in the next century. (Contact: Benjamin Jones, 907-786-7033, Anchorage, AK)

**USGS Provides STEM Outreach:** On June 29 and July 7, USGS Alaska Science Center Supervisory Biologist John Pearce will talk with kids enrolled in the Trailside Discovery Camp program at BLM Campbell Creek Science Center. Pearce will conduct hands on activities and share information on how scientists conduct research and collect data using observational studies and experiments. Trailside Discovery Camp provides outdoor environmental education experiences to youth ages 4-16. (Contact: John Pearce, 907-786-7094, Anchorage, AK)

**USGS Presents at the American Society of Mammalogists Annual Meeting:** Alaska Science Center Research Wildlife Biologist Karyn Rode gave an invited presentation at the 97<sup>th</sup> Annual American Society of Mammalogy meeting in Moscow, Idaho on June 24 that focused on the topic of "Ecophysiology of large body size in a changing climate." The presentation entitled "Limitations of large body size in determining polar bear responses to sea ice loss" outlined the role that large body size plays in limiting polar bear flexibility in use of foods other than the high lipid, marine mammal based diet they consume on the sea ice. It further described the high energetic requirements associated with reproduction, large body size, large home range size, and relatively high metabolic rates. (Contact: Karyn Rode, 907-342-5790, Anchorage, AK)

### Publications:

**USGS Scientists Provide Six Chapters on Polar Bear Research for Book on Marine Mammal Welfare:** USGS Alaska Science Center scientists authored book chapters for the polar bear section of "*Marine Mammal Welfare: Human Induced Change in the Marine Environment and its Impact on Marine Mammal Welfare*," published by Springer. Chapters cover a wide range of topics including human-bear interactions, habitat change, population monitoring, and uncertainties in forecasting the response of polar bears to climate change. Information about the book, which also includes sections on cetaceans, seals, sirenians, and otters, can be found at: <http://www.springer.com/us/book/9783319469935>. (Todd Atwood, 907-786-7093, Anchorage, AK)

A. Butterworth (Ed.) Marine Mammal Welfare Human Induced Change in the Marine Environment and its Impacts on Marine Mammal Welfare Series: Animal Welfare, Vol. 17. 1st ed. 2017, XXVI, 625 p. 61 illus., 28 illus. in color.

Peacock, E. The harvest of polar bears across the circumpolar north. Pages 475-488 in Marine Mammal Welfare: Human Induced Change in the Marine Environment and its Impacts on Marine Mammal Welfare, A. Butterworth (ed.). Springer, Cham, Switzerland.

Atwood, T.C. 2017. Implications of rapid environmental change for polar bear behavior and sociality. Pages 445-462 in Marine Mammal Welfare: Human Induced Change in the Marine Environment and its Impacts on Marine Mammal Welfare, A. Butterworth (ed.). Springer, Cham, Switzerland.

Douglas, D.C. and T.C. Atwood. 2017. Uncertainties in forecasting the response of polar bears to global climate change. Pages 463-474 in Marine Mammal Welfare: Human Induced Change in the Marine Environment and its Impacts on Marine Mammal Welfare, A. Butterworth (ed.). Springer, Cham, Switzerland.

Durner, G.M. and Atwood, T.C. 2017. Polar bears and sea ice habitat change. Pages 419-444 in Marine Mammal Welfare: Human Induced Change in the Marine Environment and its Impacts on Marine Mammal Welfare, A. Butterworth (ed.). Springer, Cham, Switzerland.

Atwood, T.C., C. Duncan, K. Patyk, E. Peacock, and S. Sonsthagen. 2017. Monitoring the welfare of polar bear populations in a rapidly changing Arctic. Pages 503-529 in Marine Mammal Welfare: Human Induced Change in the Marine Environment and its Impacts on Marine Mammal Welfare, A. Butterworth (ed.). Springer, Cham, Switzerland.

Atwood, T.C., S.W. Breck, G. York, J. Wilder, and K. Simac. 2017. Human-polar bear interactions in a changing Arctic: existing and emerging concerns. Pages 397-418 in Marine Mammal Welfare: Human Induced Change in the Marine Environment and its Impacts on Marine Mammal Welfare, A. Butterworth (ed.). Springer, Cham, Switzerland.

**Landsat Trend Analysis of Permafrost Region Lake Changes:** USGS Alaska Science Center Research Geographer Benjamin Jones is co-author of a recently published paper in the journal [Remote Sensing](#) that uses machine-learning based classification of robust trends of multi-spectral indices of Landsat data (TM, ETM+, OLI) and object-based lake detection, to analyze and compare the individual, local and regional lake dynamics for four different study sites (Alaska North Slope, Western Alaska, Central Yakutia, Kolyma Lowland) in the northern permafrost zone from 1999 to 2014. Variability in lake dynamics across regions was associated with differences in permafrost characteristics, landscape position (i.e., upland vs. lowland), surface geology, and climate. With the global availability of Landsat data and a consistent methodology for processing the input data derived from robust trends of multi-spectral indices, the study demonstrates a transferability, scalability and consistency of lake change analysis within the northern permafrost region. (Contact: Benjamin Jones, 907-786-7033, Anchorage, AK)

Nitze, I.; Grosse, G.; Jones, B.M.; Arp, C.D.; Ulrich, M.; Fedorov, A.; Veremeeva, A. Landsat-Based Trend Analysis of Lake Dynamics across Northern Permafrost Regions. *Remote Sensing* 2017, 9, 640

**New Publication Presents Breakthrough in Diet Estimation:** Quantitative fatty acid signature analysis (QFASA) is a common method of estimating diet composition, particularly for marine species. The method assumes that calibration coefficients, which account for the differential metabolism of individual fatty acids, are known constants. In practice, however, the coefficients have been estimated in feeding trials with captive animals. The impossibility of verifying the accuracy of feeding-trial coefficients for application to wild animals is a shortcoming of QFASA that has drawn considerable criticism. A new paper in *Ecology and Evolution* by USGS Alaska Science Center researchers Jeff Bromaghin, Karyn Rode, and colleagues presents a new model that simultaneously estimates both diet composition and calibration coefficients. Significant advantages of the model are that feeding trials are no longer required and bias from using inaccurate coefficients is avoided. This breakthrough eliminates the primary criticism of QFASA and substantially increases the value of fatty acid data to investigate aspects of ecology linked to animal diets. (Contact: Jeff Bromaghin, 907-786-7086, Anchorage, Alaska)

Bromaghin, J. F., S. M. Budge, G. W. Thiemann, and K. D. Rode. In press. Simultaneous estimation of diet compositions and calibration coefficients using fatty acid data. *Ecology and Evolution* <https://doi.org/10.1002/ece3.3179>.

### **Press Media:**

**Science Friday-Public Radio International:** On June 30<sup>th</sup>, USGS Alaska Science Center Research Wildlife Biologist Karyn Rode will speak with Ira Flatow on *Science Friday*. The interview is coordinated with the release of a video on polar bear research in the Chukchi Sea. The video, produced by *Science Friday*, is part of a series documenting the STEM careers and research of women scientists.

On June 20, USGS Alaska Science Center Hydrologist Janet Curran was interviewed by Yereth Rosen of *Alaska Dispatch News* regarding a [recent journal article](#) about glacier and river controls on the Exit Glacier drainage stream and how they relate to flooding of an access road. Public interest in Exit Glacier increased following a 2015 visit from President Obama and the news story will address this and public perceptions of issues related to the glacier. The story is expected to be released sometime after July 4, 2017.

### **Hazard-related:**

None Reported

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## **Volcano Science Center (VSC)**

**USGS scientists participate in remote sensing workshop at the Powell Center:** During June 26-30, USGS scientists Julie Griswold, Sarah Ogburn, Mike Poland, and Dave Schneider

participate in a workshop titled “Optimizing satellite resources for the global assessment and mitigation of volcanic hazards.” The project aims to develop linked global databases of satellite observations of volcanic activity with the goal of relating surface change and volcanic emissions to eruption style and impact. This database (or databases) will be used to design an acquisition strategy that can be shared with international space agencies to optimize the use of satellite data in volcanic hazards assessment and mitigation. The workshop is being funded by the USGS and is being held at the USGS’ Powell Center; Poland is one of the primary organizers of the workshop. (Mike Poland, CVO, mpoland@usgs.gov, 360-993-8906)

**USGS scientist gives keynote talk on Yellowstone volcano to petroleum geologists:** On June 26, USGS–Yellowstone Volcano Observatory research geologist Jake Lowenstern gave a talk entitled “Past, Present and Future of the Yellowstone Magmatic System” at the Rocky Mountain Section of the American Association of Petroleum Geologists (AAPG) meeting. (Jake Lowenstern, YVO, jlwnstrn@usgs.gov, 650-329-5238)

### **Press Media**

**USGS scientists describe their roles at AVO for local newspaper reporter:** On June 27, reporter Michelle Theriault Boots with the Alaska Dispatch News (Anchorage) will visit the USGS Alaska Volcano Observatory for a tour of the operations room to learn more about how scientist study and monitor volcanoes in Alaska. She will also interview several scientist about their roles at the observatory and the ongoing Bogoslof eruption. No date has been set for publication of the story. (Yvette Gillies, AVO, ygillies@usgs.gov, 907-786-7039)

**USGS scientist answers questions about earthquake swarm at western edge of Yellowstone National Park:** On June 23, USGS–Yellowstone Volcano Observatory research geologist Jake Lowenstern spoke with reporter Laura Zuckerman of Reuters regarding the earthquake swarm on the western edge of Yellowstone National Park; on June 22, Lowenstern provide an interview with K2TV reporter David Furtado from Casper, Wyoming, on the same topic. (Jake Lowenstern, YVO, jlwnstrn@usgs.gov, 650-329-5238)

### **Publications**

**H<sub>2</sub>O concentration in clinopyroxene improves our understanding of the mantle’s water budget:** Peridotite mantle xenoliths were analyzed from four active arcs, including: Mexico, Kamchatka, Philippines, and New Britain, as well as one intra-plate setting (western Victoria). All of the sub-arc xenoliths have been variably metasomatized and have strong arc trace element signatures. Water concentrations of the metasomatic melt that last reacted with the clinopyroxene in the sub-arc xenoliths are estimated to be between 0.5 and 5 weight percent H<sub>2</sub>O. Quantifying H<sub>2</sub>O concentrations in nominally anhydrous minerals and metasomatic melts improves our understanding of the mantle’s water budget. (Dawnika Blatter, VSC, dblatter@usgs.gov, 650-329-4839)

Turner M., Turner S., Blatter D., Maury R., Perfit M., Yogodzinski, G., 2017, Water contents of clinopyroxenes from sub-arc mantle peridotites: Island Arc, doi:10.1111/iar.12210, available at

<http://onlinelibrary.wiley.com/doi/10.1111/iar.12210/full>.

### **Hazard-related**

Title: Bogoslof Volcano: Aviation Color Code and Alert Level at RED / WARNING

Area: Alaska

Summary: Two explosive eruptions have occurred at Bogoslof volcano, at 00:45 and 11:17 UTC on June 27. Both events were relatively short-duration, lasting only ~14 minutes each based on seismic data, and the two explosions produced volcanic clouds reaching altitudes of 25,000 and 30,000 ft above sea level, respectively, based on satellite data. AVO raised the Aviation Color Code to RED and Volcano Alert Level to WARNING. Seismicity is currently at background levels, but Bogoslof volcano remains at a heightened state of unrest and in an unpredictable condition. Recent eruptive episodes have produced multiple short-duration explosions with pauses of minutes to hours. Additional explosions producing high-altitude volcanic clouds could occur at any time. AVO will continue to monitor seismic and infrasound data from nearby islands, as well as lightning data from the World Wide Lightning Location Network for signs of renewed activity.

Additional information: Michelle Coombs, USGS AVO, [mcoombs@usgs.gov](mailto:mcoombs@usgs.gov), 907-786-7497

Title: Cleveland Volcano: Aviation Color Code and Alert Level remain at YELLOW / ADVISORY

Area: Alaska

Summary: Nothing noteworthy was observed in cloudy satellite or web camera images today, and no unusual activity has been detected in seismic or infrasound data over the past 24 hours.

Additional information: Michelle Coombs, USGS AVO, [mcoombs@usgs.gov](mailto:mcoombs@usgs.gov), 907-786-7497

Title: Pavlof Volcano: Aviation Color Code and Alert Level remain at YELLOW / ADVISORY

Area: Alaska

Summary: Nothing noteworthy was observed in partly cloudy satellite or web camera images today, and no unusual activity has been detected in seismic or infrasound data over the past 24 hours.

Additional information: Michelle Coombs, USGS AVO, [mcoombs@usgs.gov](mailto:mcoombs@usgs.gov), 907-786-7497

Title: Kīlauea eruptions continue; Aviation Color Code and Alert Level remain at ORANGE / WATCH

Area: Alaska

Summary: Kīlauea continues to erupt at its summit and along its East Rift Zone. During the past week, the lava lake within Halema'uma'u rose and fell in concert with summit inflation and deflation, and the 61g flow was still active, with lava entering the ocean near Kamokuna and surface breakouts downslope of Pu'u'ō 'ō. The active flow does not pose an immediate threat to nearby communities. Gas emissions remained elevated.

Additional information: Tina Neal, HVO, [tneal@usgs.gov](mailto:tneal@usgs.gov), 808-967-8853

Title: Mauna Loa: Aviation Color Code and Alert Level remain at YELLOW / ADVISORY

Area: Alaska

Summary: Mauna Loa is not erupting. During the past week, only a few small-magnitude

earthquakes occurred beneath the volcano, primarily in the south caldera and upper Southwest Rift Zone at depths less than 5 km (3 mi). A few earthquakes also occurred on the west flank of the volcano at depths of 0–13 km (0–8 mi). GPS measurements continue to show deformation related to inflation of a magma reservoir beneath the summit and upper Southwest Rift Zone. No significant changes in volcanic gas emissions were measured.

Additional information: Tina Neal, HVO, tneal@usgs.gov, 808-967-8853

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## Western Ecological Research Center (WERC):

### IN THE NEWS

#### **Title: Male Desert Tortoises Don't Mate after Being Relocated and Scientists Want to Know Why (*The Press-Enterprise*)**

- **What:** News Article
- **Date Entered:** 6/28/2017
- **Estimated Date:** 6/22/2017
- **Where:** Online
- **Background:** On Thursday, June 22<sup>nd</sup>, reporter David Danelski published a news article on the mating success of relocated, threatened desert tortoises (*Gopherus agassizii*) with *The Press-Enterprise* (<http://www.pe.com/2017/06/22/male-desert-tortoises-dont-mate-after-being-relocated-and-scientists-want-to-know-why/>). The article quotes USGS Western Ecological Research Center scientist Kristin Berry as an outside expert on new study results indicating male tortoises' failure to reproduce following translocations to other sites (<http://www.sciencedirect.com/science/article/pii/S0006320717307127>). Berry has extensive experience in studying the ecology and biology of desert tortoises in the Mojave Desert.
- **Partners/Stakeholders:** N/A
- **Hill Interest:** No
- **High-Profile/Controversial:** No
- **Journal/Outlet:** *The Press-Enterprise*
- **Publication Status:** Published
- **POC:** Kristin Berry, 951-697-5361, kristin\_berry@usgs.gov

### NEW PUBLICATIONS

#### **Title: New Article in PLOS ONE Describes Pack Stock (Horses, Mules) Influence on Subalpine Meadows of the Sierra Nevada**

- **What:** Journal Article
- **Date Entered:** 6/28/2017
- **Estimated Date:** 6/13/2017
- **Where:** Online
- **Background:** This month, scientists from the USGS Western Ecological Research Center, Vibrant Data Labs, UC Davis, UC Merced, and the Institut des Sciences de

l'Evolution published a new article on pack stock effects on subalpine meadows in PLOS ONE (<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0178536>). The researchers evaluated the influence of horses, mules, and other pack stock animals on subalpine meadow plant communities in Sequoia and Yosemite National Parks. Study results indicated that plant communities across meadows are generally resistant to current levels of recreational pack stock use. However, within-meadow responses such as increased stretches of bare, grazed ground or spatial variability in plant communities can depend on local hydrological conditions. Wilderness managers can improve monitoring of disturbance in Sierra Nevada meadows by adopting multiple plant community indices while also considering local moisture regimes.

- **Partners/Stakeholders:** Vibrant Data Labs, UC Davis, Institut des Sciences de l'Evolution, UC Merced
- **Hill Interest:** No
- **High-Profile/Controversial:** Yes (high-profile journal)
- **Journal/Outlet:** PLOS ONE
- **Publication Status:** Published
- **POC:** Matthew Brooks, 559-240-7622, [mlbrooks@usgs.gov](mailto:mlbrooks@usgs.gov)

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## Northern Rocky Mountain Science Center (NOROCK):

**USGS NOROCK invasive species scientist presents and gives field tour at 100th Meridian Initiative Columbia River Basin meeting:** On June 27 and 28, Research Zoologist Adam Sepulveda (NOROCK) attended the 100th Meridian Initiative Columbia River Basin team working group meeting in Helena, Montana. Sepulveda updated the working group on national-level intergovernmental coordination efforts to prevent spread of dreissenid mussels to the Columbia River Basin. The meeting was attended by DOI Acting Assistant Secretary of Water and Science Scott Cameron on June 27th. On June 28th, Sepulveda joined DOI Invasive Species Coordinator Hilary Smith and USFWS AIS coordinator for Region 6 Joanne Grady on a field tour of Canyon Ferry Reservoir, a mussel suspected site. Sepulveda took them to a boat inspection station and demonstrated eDNA sampling at the site. (Adam Sepulveda, [asepulveda@usgs.gov](mailto:asepulveda@usgs.gov) )

**USGS NOROCK glacier scientist does Climatewire interview on shrinking glaciers:** On June 27th, glacier scientist Dan Fagre did an interview with Brittany Patterson, a reporter with E&E News' *Climatewire* about cascading effects of shrinking glaciers and diminishing snow packs on Glacier Park's ecosystem. Fagre cited connection to aquatic species, alpine vegetation and snow avalanches. The article was published June 28. (Dan Fagre, [dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov))

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## WY/MT Water Science Center (WY/MT WSC):

**USGS WY-MT WSC Scientist to Teach TESNAR Workshop:** On June 27-28, Roy Sando will be conducting a geospatial techniques workshop for members of five Tribes in Wyoming and Montana. Specific training topics will include how to map evapotranspiration using remote



sensing data, and how to map stream channel migration using aerial photography and high-resolution satellite data. For more information, contact Roy at [tsando@usgs.gov](mailto:tsando@usgs.gov).

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## Forest and Rangeland Ecosystem Science Center (FRESC):

### *Current*

**Effects of Wildfire and Drought on Lahontan Cutthroat Trout Habitat:** Researchers studied how drought and wildfire influenced stream flow permanence and thermal regimes in the Willow and Whitehorse Creeks watershed in the Great Basin. They analyzed data from water temperature loggers installed across the study area before and after the Holloway Fire burned nearly the entire watershed in 2012. Stream temperatures warmed 2-4°C immediately in response to the fire, and effects appeared to persist for at least one year. Observed patterns of warming were highly localized, however, highlighting the role of local processes in hydrologic responses to drought. More than half of the sites sampled were dry in 2014 and 2015. The combination of drought and post-fire conditions appeared to greatly restrict suitable habitat for Lahontan cutthroat trout across this watershed. Understanding complex responses to drought can be revealed through more intensive on-the-ground monitoring of streamflow permanence and temperatures.

Schultz, L.D., Heck, M.P., Hockman-Wert, D.P., Allai, T., Wenger, S.J., Cook, N.A., Dunham, J.B., 2017, Spatial and temporal variability in the effects of wildfire and drought on thermal habitat for a desert trout: *Journal of Arid Environments*, p. online. [[Details](#)]

**Contact:** Michael Heck, FRESC, 541-750-0954, [mheck@usgs.gov](mailto:mheck@usgs.gov); David Hockman-Wert, FRESC 541-750-0944, [dhockman-wert@usgs.gov](mailto:dhockman-wert@usgs.gov); Jason Dunham, FRESC, 541-750-0990, [jdunham@usgs.gov](mailto:jdunham@usgs.gov)

**Structured Decision Making for Conservation of Bull Trout in Long Creek:** Bull trout in Long Creek in south-central Oregon's Klamath River Basin are threatened with high densities of nonnative species and habitat fragmentation. To evaluate potential conservation options, the USGS convened a workshop with stakeholders from the Oregon Department of Fish and Wildlife, U.S. Fish and Wildlife Service, U.S. Forest Service, National Park Service, The Nature Conservancy, and private landowners. They used a structured decision making process to assist stakeholders in designing a bull trout recovery plan for Long Creek. Stakeholders identified their fundamental objectives for conserving bull trout, feasible management alternatives to achieve their objectives, and biological information and assumptions to incorporate in a decision model. The optimal management decision was to eradicate brook trout and improve downstream conditions for bull trout. The structured decision-making process allowed stakeholders from various entities to consensually identify the decision situation and objectives, as well as a suite of general actions that could be implemented.

Benjamin, J.R., McDonnell, K., Dunham, J.B., Brignon, W.R., Peterson, J.T., 2017, Structured decision making for conservation of bull trout (*Salvelinus confluentus*) in Long Creek, Klamath

River Basin, South-Central Oregon: U.S. Geological Survey Open-File Report 2017-1075, p. 32. [\[Details\]](#)

**Contact:** Joseph Benjamin, FRESC, 208-387-1325, [jbenjamin@usgs.gov](mailto:jbenjamin@usgs.gov); Jason Dunham, FRESC, 541-750-0990, [jdunham@usgs.gov](mailto:jdunham@usgs.gov)

**Season, Molt, and Body Size Influence Mercury Concentrations in Grebes:** Fish-eating waterbirds are often used as indicators for site-specific exposure risk of mercury contamination on environmental health. Sampling bird mercury concentrations at specific locations throughout the year may help identify periods of high and low mercury exposure and potential causes for these periods. USGS researchers studied seasonal and physiological influences on mercury concentrations in western grebes and Clark's grebes across 29 lakes and reservoirs in California. Grebe blood mercury concentrations were higher among males than females and higher among Clark's grebes than western grebes. Mercury blood concentrations decreased by 60 percent from spring to fall, yet seasonal trends were not consistent among lakes, indicating that lake-specific variation in mercury dynamics influence overall seasonal blood mercury decline. Results highlight the importance of accounting for sampling date and ecological processes that may influence mercury concentrations when developing monitoring programs to assess site-specific exposure risk of mercury to wildlife.

Hartman, C.A., Ackerman, J.T., Herzog, M.P., Eagles-Smith, C.A., 2017, Season, molt, and body size influence mercury concentrations in grebes: Environmental Pollution, v. 229, p. 29-39. [\[Details\]](#)

**Contact:** Collin Eagles-Smith, FRESC, 541-750-0949, [ceagles-smith@usgs.gov](mailto:ceagles-smith@usgs.gov)

### *Press Inquiries/Media*

**Online Article Highlights USGS Science on Golden Eagles Affected By Wind Turbines:** An [article](#) published by Climate Change Dispatch on June 22 discussed a paper co-authored by USGS wildlife biologist Todd Katzner about how golden eagles killed at the Altamont Pass Wind Resource Area in California can come from hundreds of miles away.

**Contact:** Todd Katzner, FRESC, 208-426-5232, [tkatzner@usgs.gov](mailto:tkatzner@usgs.gov)

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## **Western Fisheries Research Center (WFRC):**

### **Publications:**

**New USGS report on natural salmon recolonization following dam removal:** A new USGS report on juvenile salmonid monitoring in the White Salmon River, Washington, following Condit Dam removal has just been released. Condit Dam was breached in 2011 and removed completely in 2012, allowing anadromous salmonids access to habitat that had been blocked for nearly 100 years. A multi-agency workgroup concluded that the preferred salmonid restoration alternative was natural recolonization with monitoring to assess efficacy, followed by a management evaluation 5 years after dam removal. Limited monitoring of salmon and steelhead spawning has occurred since 2011, but no monitoring of juveniles occurred until 2016. In 2016,

USGS scientists, in cooperation with the Mid-Columbia Fisheries Enhancement Group, used a rotary screw trap and backpack electrofishing to assess juvenile salmonid diversity, distribution, and abundance. The 2016 efforts provided the first post-dam smolt and juvenile abundance estimates for Coho Salmon and steelhead. As well as the first documentation of Coho Salmon juvenile production in tributaries upstream of the former Condit Dam site. This monitoring effort will help to better understand abundance trends, distribution, and life history patterns of recolonizing salmonids in the White Salmon River and assess efficacy of natural recolonization to inform management decisions. To learn more, visit <https://doi.org/10.3133/ofr20171070> or contact Ian Jezorek [ijezorek@usgs.gov](mailto:ijezorek@usgs.gov) at 509-538-2908 or Jill Hardiman [jhardiman@usgs.gov](mailto:jhardiman@usgs.gov) at 509-538-2906.

Suggested citation:

Jezorek, I.G., and Hardiman, J.M., 2017, Juvenile salmonid monitoring in the White Salmon River, Washington, post-Condit Dam removal, 2016: U.S. Geological Survey Open-File Report 2017-1070, 34 p., <https://doi.org/10.3133/ofr20171070>.

**New report on endangered suckers in the Upper Klamath Lake, OR:** A new report and data set have been released that summarizes inter-annual variability in apparent relative production, survival and growth of endangered juvenile Lost River and shortnose suckers in Upper Klamath Lake, Oregon. Sucker survival during the juvenile life stage is the primary factor limiting recovery of these species in Upper Klamath Lake. A report compiling data on juvenile suckers collected from 2001 to 2015 aims to identify correlations between annual variation in environmental conditions and juvenile sucker survival. The authors found that relatively high in-stream flows during the spawning season in the primary spawning tributary are correlated with high production of suckers. First year sucker growth varied among years but is unsynchronized between species, indicating the two species responded differently to similar environmental variables. For more information, contact Summer Burdick [sburdick@usgs.gov](mailto:sburdick@usgs.gov) at 541-273-8689 x 209.

Suggested citations:

Burdick, S.M., and Martin, B.A., 2017, Inter-annual variability in apparent relative production, survival, and growth of juvenile Lost River and shortnose suckers in Upper Klamath Lake, Oregon, 2001–15: U.S. Geological Survey Open-File Report 2017-1069, 55 p., <https://doi.org/10.3133/ofr20171069>.

Burdick, Summer, Dolan-Caret, Amari, and Martin, Barbara, 2017, Data for trap net captured juvenile Lost River and shortnose suckers from Upper Klamath Lake, 2001 to present: U.S. Geological Survey data release, <https://doi.org/10.5066/F7ZC812F>.

**New USGS report on spatial and temporal distribution of bull trout in the North Fork Reservoir, OR:** In a new USGS report acoustic cameras were used to assess the behavior and abundance of bull trout (*Salvelinus confluentus*)-size fish at the entrance to the North Fork Reservoir juvenile fish floating surface collector (FSC). The purpose of the FSC is to collect downriver migrating juvenile salmonids at the North Fork Dam, and safely route them around the hydroelectric projects. The objective of the acoustic camera component of this study was to assess the behaviors of bull trout-size fish observed near the FSC, and to determine if the presence of bull trout-size fish influenced the collection or abundance of juvenile salmonids. To

learn more, visit <https://pubs.er.usgs.gov/publication/ofr20171080> or contact Noah Adams [nadams@usgs.gov](mailto:nadams@usgs.gov) at 509-538-2964 or Collin Smith [cdsmith@usgs.gov](mailto:cdsmith@usgs.gov) at 509-538-2919.

Suggested citation:

Adams, N.S., and Smith, C.D., 2017, Spatial and temporal distribution of bull trout (*Salvelinus confluentus*)-size fish near the floating surface collector in the North Fork Reservoir, Oregon, 2016: U.S. Geological Survey Open-File Report 2017-1080, 27 p., <https://doi.org/10.3133/ofr20171080>.

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## **Pacific Coastal and Marine Science Center (PCMSC):**

**USGS scientist quoted in “Why the World’s Rivers are Losing Sediment and Why It Matters”:** USGS research geologist Jon Warrick was quoted in an article about the importance of river-borne sediment for helping coastal-wetland growth keep pace with sea-level rise. Titled “Why the World’s Rivers Are Losing Sediment and Why It Matters,” the article was published June 20 in *Yale Environment 360*, an online magazine covering global environmental issues. Warrick leads a USGS project studying how the removal of two large dams from the Elwha River in Washington State is changing the region’s coastal areas. He described the expansion of coastal landforms by sediment released during and after dam removal, and he noted that the best way to free sediment trapped behind a dam depends on the dam’s purpose and the unique nature of the river. Read the article at <http://e360.yale.edu/features/why-the-worlds-rivers-are-losing-sediment-and-why-it-matters>. Contact: Jon Warrick, [jwarrick@usgs.gov](mailto:jwarrick@usgs.gov), 831-460-7569

**USGS scientist discusses deep-ocean mineral resources in newspaper and radio interviews:** USGS research geologist James Hein was interviewed in late May by two reporters interested in deep-ocean mineral resources. Carol Clouse, freelance reporter for *The Guardian U.S.*, spoke to Hein about deep-ocean mineral deposits and deep-ocean mining. Her article was published [June 28](#). Dagmar Roehrlich, science writer for German Public Radio Station Deutschlandfunk, recorded an interview with Hein about ferromanganese crust and nodule resources, with a focus on the Arctic Ocean. Roehrlich’s piece was broadcast and an article published on [May 22](#). Contact: Jim Hein, [jhein@usgs.gov](mailto:jhein@usgs.gov), 831-460-7419

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## **Earthquake Science Center (ESC):**

**Ground Motion Site Response Workshop:** USGS geophysicists David Wald, William Stephenson, Jamie Steidl, Oliver Boyd, and Alan Yong are participating in the Community Shear-Wave Velocity Profile Database workshop at UCLA on 29 June, where they will discuss database models and potential data and funding sources to build an improved database for site characteristics impacting ground motion during earthquakes. This joint effort between PEER, USGS, COSMOS, and many other organizations was originally discussed in a concept-development meeting on 27 May 2015, and is now ramping up. Contact Alan Yong ([yong@usgs.gov](mailto:yong@usgs.gov)).

**Helping with Studies of Induced Seismicity in Colombia:** USGS geophysicist Justin Rubinstein visited the Servicio Geologico Colombiano (SGC - Colombian USGS equivalent) June 12-21. While there, he presented two research seminars on induced seismicity to the *Asociacion Colombiana de Geologos y Geofisicos del Petroleo* and the *Sociedad Colombiana de Geologia*. He worked with the SGC on developing methods for estimating hazard for induced seismicity, calculating accurate locations for earthquakes with limited station coverage, and research into an ongoing induced seismicity sequence that has included multiple M4 earthquakes. Contact: Justin Rubinstein ([jrubinstein@usgs.gov](mailto:jrubinstein@usgs.gov))

**Presentation on Earthquake Forecasting and Related topics:** USGS geophysicist Morgan Page gave a talk on earthquake forecasting, connections between earthquakes and fire, earthquake early warning, and emergency preparedness at the Los Angeles National Forest Headquarters on June 21. Contact: Morgan Page ([mpage@usgs.gov](mailto:mpage@usgs.gov))

**Earthquake Cycles Seminar at University of Washington:** USGS geologist Belle Philibosian visited the University of Washington and USGS Seattle on June 27th-28th. She joined USGS scientist emeritus Brian Atwater and colleagues on a Puget Sound earthquake geology field trip and gave a department seminar entitled "Segmentation and supercycles: A catalog of earthquake cycle complexities from the Sumatran Sunda Megathrust and other well-studied faults worldwide." Contact: Belle Philibosian ([bphilibosian@usgs.gov](mailto:bphilibosian@usgs.gov)).

### **Publications Receiving Bureau Approval**

Brocher, T.M., Blakely, R.J., and Sherrod, B., Evaluating Spatial and Temporal Relationships between the Entiat Earthquake Cluster and the M6.5 to M7 1872 Chelan Earthquake, Central Washington State, *submitted to* Bulletin of the Seismological Society of America.

Evans, E.L., Thatcher, W.R., Pollitz, F., and Murray, J.R., Reply to Comment on "Persistent slip rate discrepancies in the eastern California (USA) shear zone" by Evans et al., *Geology*, September 2016", *submitted to* *Geology*.

### **Publications Newly Available**

Minson, S.E., Wu, S., Beck, J.L., and Heaton, T.H., Combining Multiple Earthquake Models in Real Time for Earthquake Early Warning, *Bulletin of the Seismological Society of America*, Published online before print June 2017, doi: 10.1785/0120160331  
<http://www.bssaonline.org/content/early/2017/06/08/0120160331.abstract>

Clayton, B.S., Hartzell, S.H., Moschetti, M.P., and Minson, S.E., Finite-Fault Bayesian Inversion of Teleseismic Body Waves, *Bulletin of the Seismological Society of America*, v. 107, i. 3, p. 1526-1544, doi:10.1785/0120160268 <http://bssa.geoscienceworld.org/content/107/3/1526>

Pollitz, F.F., Wicks, C., Schoenball, M., Ellsworth, W., and Murray, M., Geodetic Slip Model of the 3 September 2016 Mw 5.8 Pawnee, Oklahoma, Earthquake: Evidence for Fault-Zone

Collapse, Seismological Research Letters, DOI: 10.1785/0220170002  
<http://srl.geoscienceworld.org/content/88/4/983>

**Press/Media (Contact Susan Garcia, [Garcia@usgs.gov](mailto:Garcia@usgs.gov), 650-329-4668)**

On June 21, USGS scientist Annemarie Baltay was interviewed by reporters Tom Vacar and Sami Mamou of KTVU FOX 2 TV (Oakland, CA); Kristen Sze of KGO ABC 7 TV (San Francisco, CA); KPIX 5 CBS TV (San Francisco, CA) and Asian-language KTSF 26 TV about the magnitude 3.3 earthquake located half a mile west of Kensington, California, in the eastern San Francisco Bay Area.

On June 23, USGS scientist Valerie Sahakian was interviewed by Max Rodriguez with [North Coast News ABC 23 TV \(Eureka, CA\)](#) about earthquakes in general and why they occur along the North Coast of California.

On June 27, the USGS reported a series of earthquakes occurring near the town of Truckee, Calif. The earthquake swarm of more than 40 earthquakes range from magnitude -0.1 to 4.0. USGS scientists interviewed about the swarm include the following: Jack Boatwright was interviewed by Dan Kerman of KRON 4 TV (San Francisco, CA). David Schwartz was interviewed by reporter Amanda Rhoades with the *Sierra Sun* and *North Lake Tahoe Bonanza*. Fred Pollitz was interviewed by Jesse Gary of KTVU 2 TV (Oakland, CA), both about the earthquake swarm near Truckee and the recently released scientific paper by U.C. Berkeley suggesting that seasonal rain and snow fall can change the stress and trigger small quakes on California earthquake faults (see <http://science.sciencemag.org/content/356/6343/1161> and <http://news.berkeley.edu/2017/06/15/seasonal-rain-and-snow-trigger-small-quakes-on-california-faults/>).

On June 22, USGS public affairs specialist Leslie Gordon was interviewed by [SFGate.com](#) about a false Emergency Notification Service (ENS) alert for an M6.8 Santa Barbara earthquake. A software glitch (now fixed) turned an update of the magnitude of a 1925 Santa Barbara M6.8 earthquake into an erroneous ENS notification. Numerous news media outlets contacted the USGS seeking confirmation about the alert.

On June 28, USGS scientist emeritus Brian Atwater was interviewed by reporter Christopher Dunagan of the Environmental Reporter (Kitsap Peninsula) about the paper titled "[Sediment gravity flows triggered by remotely generated earthquake waves](#)." This paper (co-authored by USGS scientist Joan Gomborg) provides an alternative explanation for deep-sea deposits in Cascadia that were previously interpreted as evidence for frequent (local) great earthquakes along the Cascadia Subduction Zone.

USGS scientists Lind Gee, David Lockner, and Brian Kilgore will be talking to members of the 51st U.S. American Rock Mechanic Association (ARMA) visiting the USGS campus in Menlo Park, Calif., on June 29. The ARMA visitors will tour the Rock Mechanics Lab and hear about new and exciting advances in experimental studies of rock mechanics and fault friction as well as California earthquake monitoring.

## International Travel

No new travel to report

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## Idaho Water Science Center (IDWSC):

**Idaho Science Teachers Hear from USGS:** USGS Idaho Water Science Center spokesman Tim Merrick will speak to a group of Idaho science teachers, June 28, as part of the Idaho State Department of Education's [i-STEM](#) program at the College of Western Idaho in Nampa. Merrick's talk, "STEAM on the Stream," will encourage the teachers to consider using USGS streamgages and the data they provide as tools for classroom instruction in science, technology, engineering, language arts, and mathematics. (For more information, contact Tim Merrick, [tmerrick@usgs.gov](mailto:tmerrick@usgs.gov), 208-387-1305)

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## Oregon Water Science Center (ORWSC):

**Landslides.** USGS hydrologist Steven Sobieszczyk will be presenting at a morning breakfast meeting of the Gresham Lion's Club (Gresham, OR) on Thursday, June 29. Recent landslides in California near Big Sur and in China (93 fatalities) have brought landslide hazards back into the public consciousness.

**(New Report) Prehistoric floods on the Tennessee River—Assessing the use of stratigraphic records of past floods for improved flood-frequency analysis.** Tessa M. Harden and Jim E. O'Connor

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## Nevada Water Science Center (NWSC):

The video [Wildlife on the Nevada National Security Site](#), has received Bureau approval and was forwarded to DVD production this week. This 22 minute video highlights an extraordinary study on how mountain lion predators interact with their prey. It shows how the scientists use helicopters and classical lion tracking techniques to check on the health of these animals, follow their movements, and fit them with GPS collars. Mountain lions, desert bighorn sheep, mule deer and a variety of other wildlife live on, and pass through, the Nevada National Security Site (NNSS) each day. The NNSS is a highly restricted area, free of hunting and with surprisingly pristine areas. DVD's will hopefully be distributed in July 2017.

Citation:

Longshore, K. and S. Wessells, 2017. "Wildlife on the Nevada National Security Site." U.S. Geological Survey General Information Product. <https://doi.org/10.3133/gip180>.

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## GeoHazards Science Center (GHSC):

**Title:** A New Earthquake Forecast Model for California

- **What:** A synopsis overview of a new earthquake forecast model for California (UCERF3) will be published
- **Date Entered:** June 29, 2017
- **Estimated Date:** July 12<sup>th</sup>, 2017
- **Where:** NA
- **Background:**
- On July 12th, the USGS will publish a new earthquake forecast model for California, known as the 3rd Uniform California Earthquake Rupture Forecast (UCERF3). Building on previous models that quantify the long-term hazard posed by natural tectonic loading, the new model now also includes the short-term hazard posed by earthquake triggering, such as aftershocks. In fact, UCERF3 is the first earthquake forecast to include fault-based information when defining the evolution of cascading earthquake sequences, and to include the possibility that large earthquakes may involve multiple faults. Several recent earthquakes have demonstrated these phenomena, including the recent New Zealand earthquake sequence that culminated in the magnitude 7.8 Kaikoura earthquake. UCERF3 has been delivered to the California Earthquake Authority, the state issuer of earthquake insurance, and is now under evaluation by the USGS as a prototype component of an operational earthquake forecasting system.
- **Partners/Stakeholders:** The Southern California Earthquake Center ([www.scec.org](http://www.scec.org)) the California Geological Survey ([www.conservation.ca.gov/cgs](http://www.conservation.ca.gov/cgs)), and the California Earthquake Authority ([www.earthquakeauthority.com](http://www.earthquakeauthority.com)).
- **Hill Interest:** Maybe
- **High-Profile/Controversial:** Maybe
- **Journal/Outlet:** Seismological Research Letters (<https://www.seismosoc.org/publications/srl>)
- **Publication Status:** Embargoed until July 12, 2017
- **POC:** Edward Field ([field@usgs.gov](mailto:field@usgs.gov); 626-644-6435)



# Label: "FOIA 00175"

**Created by: dan\_fagre@usgs.gov**

Total Messages in label: 57 (22 conversations)

Created: 08-09-2017 at 11:47 AM

# Conversation Contents

Few minutes to chat about Glacier National Park and climate change

**Brittany Patterson** <[bpatterson@eenews.net](mailto:bpatterson@eenews.net)>

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**From:** Brittany Patterson <[bpatterson@eenews.net](mailto:bpatterson@eenews.net)>  
**Sent:** Tue Jun 27 2017 09:00:44 GMT-0600 (MDT)  
**To:** "dan\_fagre@usgs.gov" <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>  
**Subject:** Few minutes to chat about Glacier National Park and climate change

Hi Daniel,

I hope this finds you well. My name is Brittany Patterson and I am a reporter with E&E News. I believe you spoke with my colleague Scott Waldman a few months back when your recent paper on the current and future extent of glacial melt in Glacier National Park was released.

I'm reaching out because I'm doing a follow-up on the broader impacts of climate change currently and projected for the park. I'm hoping to get a sense for what types of ecological systems might shift or change as the glaciers melt, for example, and hoping you might have a few minutes today to walk me through some of the science.

I would really appreciate it! Feel free to reach me through email and at 202-446-0417.

Thanks so much,  
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[bpatterson@eenews.net](mailto:bpatterson@eenews.net)  
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C: 530-218-1266  
[@amusedbrit](#)

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**"Fagre, Daniel"** <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>

---

**From:** "Fagre, Daniel" <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>  
**Sent:** Tue Jun 27 2017 11:05:32 GMT-0600 (MDT)

**To:** Brittany Patterson <bpatterson@eenews.net>, "Soileau, Suzanna" <ssoileau@usgs.gov>, Lauren Alley <lauren\_alley@nps.gov>  
**Subject:** Re: Few minutes to chat about Glacier National Park and climate change

Hi Brittany,  
I could visit with you later today between 2 and 5pm Mountain time. Choose a time, let me know, and I will call you.  
Adios for now.  
Dan

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Daniel B. Fagre, Ph.D.  
USGS Northern Rocky Mountain Science Center  
215 Mather Drive  
Glacier National Park  
West Glacier, MT 59936  
Ph: 406-888-7922  
Email: [dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)

\*\*\*\*\*

**Brittany Patterson <bpatterson@eenews.net>**

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**From:** Brittany Patterson <bpatterson@eenews.net>  
**Sent:** Tue Jun 27 2017 11:08:24 GMT-0600 (MDT)  
**To:** "Fagre, Daniel" <dan\_fagre@usgs.gov>, "Soileau, Suzanna" <ssoileau@usgs.gov>, Lauren Alley <lauren\_alley@nps.gov>  
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Hi Dan,

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Thanks,  
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**From:** Fagre, Daniel [mailto:dan\_fagre@usgs.gov]  
**Sent:** Tuesday, June 27, 2017 1:06 PM  
**To:** Brittany Patterson <bpatterson@eenews.net>; Soileau, Suzanna <ssoileau@usgs.gov>; Lauren Alley <lauren\_alley@nps.gov>  
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Email: [dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)

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**"Fagre, Daniel" <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>**

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**From:** "Fagre, Daniel" <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>  
**Sent:** Tue Jun 27 2017 11:12:04 GMT-0600 (MDT)  
**To:** Brittany Patterson <[bpatterson@eenews.net](mailto:bpatterson@eenews.net)>  
**Subject:** Re: Few minutes to chat about Glacier National Park and climate change

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**Sent:** Tuesday, June 27, 2017 1:06 PM

**To:** Brittany Patterson <[bpatterson@eenews.net](mailto:bpatterson@eenews.net)>; Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>; Lauren Alley <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>

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**From:** Brittany Patterson <[bpatterson@eenews.net](mailto:bpatterson@eenews.net)>  
**Sent:** Wed Jul 19 2017 10:21:30 GMT-0600 (MDT)  
**To:** "Fagre, Daniel" <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>  
**Subject:** RE: Few minutes to chat about Glacier National Park and climate change

Hi Dan,

I saw the WaPo story about the Zuckerberg visit. If you want to chat more, I'd love to touch base. I know when we talked a few weeks ago you mentioned you'd been doing this work a long time, curious if anything like this has happened before. 202-446-0417.

Thanks,  
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**From:** Fagre, Daniel [mailto:[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)]  
**Sent:** Tuesday, June 27, 2017 1:12 PM  
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\*\*\*\*\*

# Label: "FOIA 00175"

**Created by: dan\_fagre@usgs.gov**

Total Messages in label: 57 (22 conversations)

Created: 08-09-2017 at 11:47 AM

# Conversation Contents

New York Daily News: Cancelled meeting with Zuckerberg

**"Hensley, Nicole" <nhensley@nydailynews.com>**

---

**From:** "Hensley, Nicole" <nhensley@nydailynews.com>  
**Sent:** Tue Jul 18 2017 19:08:19 GMT-0600 (MDT)  
**To:** "dan\_fagre@usgs.gov" <dan\_fagre@usgs.gov>  
**Subject:** New York Daily News: Cancelled meeting with Zuckerberg

Good evening, Daniel.

I'm a reporter with the New York Daily News. I read the Washington Post's story on the Interior canceling a scheduled meeting between you and Facebook's Mark Zuckerberg. I was curious if there was ever a paper trail reflecting the meeting being scheduled, with details of where you were supposed to meet and what activities the meeting would have involved.

Additionally, are there particular statistics on from your publications you would have shared with him?

I can be reached here and at **212-210-1519**. Thank you.

**NICOLE HENSLEY**  
**REPORTER | NEW YORK DAILY NEWS | @NKHENSLEY**  
DESK: 212-210-1519  
CELL: 206-963-5496

-----  
This transmission is intended only for the use of the addressee and may contain information that is confidential, privileged and/or exempt from disclosure under applicable law. If you are not the intended recipient, you are hereby notified that any dissemination, distribution or copying of the information contained herein is strictly unauthorized and prohibited. If you have received this communication in error, please notify the sender immediately and delete this message. Thank you.

\*\*\*\*\* (NJ)

**"Fagre, Daniel" <dan\_fagre@usgs.gov>**

---

**From:** "Fagre, Daniel" <dan\_fagre@usgs.gov>  
**Sent:** Wed Jul 19 2017 09:52:44 GMT-0600 (MDT)  
**To:** "Hensley, Nicole" <nhensley@nydailynews.com>, "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Subject:** Re: New York Daily News: Cancelled meeting with Zuckerberg

Hi Nicole,

No, there was no paper trail that I am aware of and there really aren't any more details than was reported in the WaPo  
DOI-USGS-17-0238-A, B, C-000131

article. I will be heading into the backcountry for the next week and likely will have limited email access.  
Adios for now.  
Dan

On Tue, Jul 18, 2017 at 7:08 PM, Hensley, Nicole <[nhensley@nydailynews.com](mailto:nhensley@nydailynews.com)> wrote:  
Good evening, Daniel.

I'm a reporter with the New York Daily News. I read the Washington Post's story on the Interior canceling a scheduled meeting between you and Facebook's Mark Zuckerberg. I was curious if there was ever a paper trail reflecting the meeting being scheduled, with details of where you were supposed to meet and what activities the meeting would have involved.

Additionally, are there particular statistics on from your publications you would have shared with him?

I can be reached here and at **212-210-1519**. Thank you.

**NICOLE HENSLEY**  
**REPORTER | NEW YORK DAILY NEWS | @NKHENSLEY**  
DESK: 212-210-1519  
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\*\*\*\*\* (NJ)

--

\*\*\*\*\*

Daniel B. Fagre, Ph.D.  
USGS Northern Rocky Mountain Science Center  
215 Mather Drive  
Glacier National Park  
West Glacier, MT 59936  
Ph: 406-888-7922  
Email: [dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)  
\*\*\*\*\*

# Label: "FOIA 00175"

**Created by: dan\_fagre@usgs.gov**

Total Messages in label: 57 (22 conversations)

Created: 08-09-2017 at 11:47 AM

# Conversation Contents

Media inquiries - climate change meeting

**"van Manen, Frank" <fvanmanen@usgs.gov>**

---

**From:** "van Manen, Frank" <fvanmanen@usgs.gov>  
**Sent:** Tue Jul 18 2017 14:44:21 GMT-0600 (MDT)  
**To:** GS-NOROCK All <gs-norock\_all@usgs.gov>  
**Subject:** Media inquiries - climate change meeting

All,

If you receive any inquiries regarding USGS role in the recent climate change meeting at Glacier NP, please make no comments and refer all media inquiries to DOI at:

Heather Swift

[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)

Thanks!

---

Frank T. van Manen, Interagency Grizzly Bear Study Team, U.S. Geological Survey, Phone 406-994-5043  
[www.usgs.gov/norock/igbst](http://www.usgs.gov/norock/igbst)

# Label: "FOIA 00175"

**Created by: dan\_fagre@usgs.gov**

Total Messages in label: 57 (22 conversations)

Created: 08-09-2017 at 11:47 AM

# Conversation Contents

hi Dr Fagre from Lisa Rein at the Post

**"Rein, Lisa" <Lisa.Rein@washpost.com>**

---

**From:** "Rein, Lisa" <Lisa.Rein@washpost.com>  
**Sent:** Tue Jul 18 2017 11:37:23 GMT-0600 (MDT)  
**To:** "dan\_fagre@usgs.gov" <dan\_fagre@usgs.gov>  
**Subject:** hi Dr Fagre from Lisa Rein at the Post

Trying to find out more info.

Lisa Rein  
Staff Reporter  
Washington Post  
202-334-5190  
Cell 202-821-3120  
@Reinlwapo  
[Send me a confidential tip](#)



# Label: "FOIA 00175"

**Created by:** dan\_fagre@usgs.gov

Total Messages in label: 57 (22 conversations)

Created: 08-09-2017 at 11:47 AM

## Conversation Contents

High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)

### "Puckett, Catherine" <cpuckett@usgs.gov>

---

**From:** "Puckett, Catherine" <cpuckett@usgs.gov>  
**Sent:** Tue Jul 18 2017 09:55:48 GMT-0600 (MDT)  
**To:** Betsy Hildebrandt <betsy\_hildebrandt@fws.gov>, "Pressfield, Justin" <jpressfield@usgs.gov>, Daniel Fagre <dan\_fagre@usgs.gov>, Douglas Beard <dbeard@usgs.gov>, Claudia Regan <cregan@usgs.gov>, Anne E Kinsinger <akinsinger@usgs.gov>  
**BCC:** dan\_fagre@usgs.gov  
**Subject:** High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)

<http://thehill.com/policy/energy-environment/342501-interior-department-cancelled-climate-expert-meeting-with>

 Catherine Puckett  
Deputy Public Affairs Officer  
USGS Office of Communications  
352-377-2469 (O) 352-278-0165 (cell)  
[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

### "Fagre, Daniel" <dan\_fagre@usgs.gov>

---

**From:** "Fagre, Daniel" <dan\_fagre@usgs.gov>  
**Sent:** Tue Jul 18 2017 11:04:44 GMT-0600 (MDT)  
**To:** "Puckett, Catherine" <cpuckett@usgs.gov>  
**CC:** Betsy Hildebrandt <betsy\_hildebrandt@fws.gov>, "Pressfield, Justin" <jpressfield@usgs.gov>, Douglas Beard <dbeard@usgs.gov>, Claudia Regan <cregan@usgs.gov>, Anne E Kinsinger <akinsinger@usgs.gov>  
**Subject:** Re: High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)

Catherine,  
Lisa Rein from Washington Post will be calling you. I spoke to her and referred her to Heather but she wanted to talk to a USGS person. I indicated that I didn't know why my participation was canceled. Other than that, I gave her some information on Glacier Park (where Logan Pass is) and what my research entails.  
Good luck.  
Dan

On Tue, Jul 18, 2017 at 9:55 AM, Puckett, Catherine <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)> wrote:

<http://thehill.com/policy/energy-environment/342501-interior-department-cancelled-climate-expert-meeting-with>

🐝 Catherine Puckett  
Deputy Public Affairs Officer  
USGS Office of Communications  
352-377-2469 (O) 352-278-0165 (cell)  
[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

--

\*\*\*\*\*

Daniel B. Fagre, Ph.D.  
USGS Northern Rocky Mountain Science Center  
215 Mather Drive  
Glacier National Park  
West Glacier, MT 59936  
Ph: 406-888-7922  
Email: [dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)

\*\*\*\*\*

**"Regan, Claudia" <[cregan@usgs.gov](mailto:cregan@usgs.gov)>**

---

**From:** "Regan, Claudia" <[cregan@usgs.gov](mailto:cregan@usgs.gov)>  
**Sent:** Tue Jul 18 2017 11:21:13 GMT-0600 (MDT)  
**To:** "Fagre, Daniel" <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>  
**CC:** Frank van Manen <[fvanmanen@usgs.gov](mailto:fvanmanen@usgs.gov)>, "Soileau, Suzanna" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>, Catherine Puckett <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>  
**Subject:** Re: High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)

Thanks for letting us know, Dan.

FYI, keep trying to refer these to DOI. If they need to speak to a USGS person, Justin Pressfield is assigned as the point of contact. So, please refer those inquiries to Justin.

Justin Pressfield, [jpressfield@usgs.gov](mailto:jpressfield@usgs.gov), 916-278-9500

And, please cc Frank van Manen since he is Acting CD in my absence. I will be monitoring voice mail and email closely but i'll be driving this afternoon.

thank you....Claudia

---

**Claudia Regan**  
Center Director  
**Northern Rocky Mountain Science Center**  
US Geological Survey

2327 University Way, Suite 2  
Bozeman, MT 59715  
Email: [cregan@usgs.gov](mailto:cregan@usgs.gov)  
Office: 406-994-7972  
Mobile: 406-404-9978  
Visit our website at: <https://www.usgs.gov/norock>

On Tue, Jul 18, 2017 at 11:04 AM, Fagre, Daniel <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)> wrote:

Catherine,  
Lisa Rein from Washington Post will be calling you. I spoke to her and referred her to Heather but she wanted to talk to a USGS person. I indicated that I didn't know why my participation was canceled. Other than that, I gave her some information on Glacier Park (where Logan Pass is) and what my research entails.  
Good luck.  
Dan

On Tue, Jul 18, 2017 at 9:55 AM, Puckett, Catherine <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)> wrote:

<http://thehill.com/policy/energy-environment/342501-interior-department-cancelled-climate-expert-meeting-with>

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Deputy Public Affairs Officer  
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Daniel B. Fagre, Ph.D.  
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Glacier National Park  
West Glacier, MT 59936  
Ph: 406-888-7922  
Email: [dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)  
\*\*\*\*\*

## "Fagre, Daniel" <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>

---

**From:** "Fagre, Daniel" <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>  
**Sent:** Tue Jul 18 2017 17:24:06 GMT-0600 (MDT)  
**To:** "Puckett, Catherine" <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>  
"Pressfield, Justin" <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>, Douglas Beard <[dbeard@usgs.gov](mailto:dbeard@usgs.gov)>, Claudia Regan <[cregan@usgs.gov](mailto:cregan@usgs.gov)>, Anne E Kinsinger <[akinsinger@usgs.gov](mailto:akinsinger@usgs.gov)>, Frank van Manen <[fvanmanen@usgs.gov](mailto:fvanmanen@usgs.gov)>, "Soileau, Suzanna" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>  
**CC:**  
**Subject:** Re: High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)

FYI below.

The last two paragraphs have some inaccuracies since I didn't arrange anything - Glacier Park did - and Clint Muhlfeld and Tabitha Graves study the aquatic species and huckleberry responses to climate change.

[https://www.washingtonpost.com/news/powerpost/wp/2017/07/18/mark-zuckerberg-went-to-glacier-to-learn-about-climate-change-but-couldnt-meet-with-the-resident-climate-scientist/?utm\\_term=.2643ec98a06e](https://www.washingtonpost.com/news/powerpost/wp/2017/07/18/mark-zuckerberg-went-to-glacier-to-learn-about-climate-change-but-couldnt-meet-with-the-resident-climate-scientist/?utm_term=.2643ec98a06e)

On Tue, Jul 18, 2017 at 11:04 AM, Fagre, Daniel <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)> wrote:

Catherine,  
Lisa Rein from Washington Post will be calling you. I spoke to her and referred her to Heather but she wanted to talk to a USGS person. I indicated that I didn't know why my participation was canceled. Other than that, I gave her some information on Glacier Park (where Logan Pass is) and what my research entails.  
Good luck.  
Dan

On Tue, Jul 18, 2017 at 9:55 AM, Puckett, Catherine <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)> wrote:

<http://thehill.com/policy/energy-environment/342501-interior-department-cancelled-climate-expert-meeting-with>

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 Catherine Puckett  
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[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

--

\*\*\*\*\*

Daniel B. Fagre, Ph.D.  
USGS Northern Rocky Mountain Science Center  
215 Mather Drive  
Glacier National Park  
West Glacier, MT 59936  
Ph: 406-888-7922  
Email: [dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)

\*\*\*\*\*

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\*\*\*\*\*

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USGS Northern Rocky Mountain Science Center  
215 Mather Drive  
Glacier National Park  
West Glacier, MT 59936  
Ph: 406-888-7922  
Email: [dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)

\*\*\*\*\*



# Label: "FOIA 00175"

**Created by: dan\_fagre@usgs.gov**

Total Messages in label: 57 (22 conversations)

Created: 08-09-2017 at 11:47 AM

## Conversation Contents

Out of Office Re: High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)

**"Regan, Claudia" <cregan@usgs.gov>**

---

**From:** "Regan, Claudia" <cregan@usgs.gov>  
**Sent:** Tue Jul 18 2017 11:04:49 GMT-0600 (MDT)  
**To:** dan\_fagre@usgs.gov  
**Subject:** Out of Office Re: High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)

I'm out of the office from 7/18 - 7/20. If you need immediate assistance, please contact me at my mobile number 406-404-9978 or contact Frank van Manen, Acting Center Director, at 406-994-5043.

--

---

**Claudia Regan**  
Center Director  
**Northern Rocky Mountain Science Center**  
US Geological Survey  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Email: [cregan@usgs.gov](mailto:cregan@usgs.gov)  
Office: 406-994-7972  
Mobile: 406-404-9978  
Visit our website at: <https://www.usgs.gov/norock>



# Label: "FOIA 00175"

**Created by:** dan\_fagre@usgs.gov

Total Messages in label: 57 (22 conversations)

Created: 08-09-2017 at 11:48 AM

# Conversation Contents

## Inquires

### "Soileau, Suzanna" <ssoileau@usgs.gov>

---

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Mon Jul 17 2017 10:52:53 GMT-0600 (MDT)  
**To:** Daniel Fagre <dan\_fagre@usgs.gov>, "Regan, Claudia" <cregan@usgs.gov>  
**CC:** Justin Pressfield <jpressfield@usgs.gov>, "Puckett, Catherine" <cpuckett@usgs.gov>  
**Subject:** Inquires

Please send all inquiries to:

Justin Pressfield, [jpressfield@usgs.gov](mailto:jpressfield@usgs.gov), 916-278-9500  
Catherine Puckett, [cpuckett@usgs.gov](mailto:cpuckett@usgs.gov), 352-377-2469

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

~~~~~  
"Something hidden. Go and find it. Go and look behind the Ranges- Something lost behind the Ranges. Lost and waiting for you. Go!"

Rudyard Kipling, The Explorer

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**"Soileau, Suzanna" <ssoileau@usgs.gov>**

---

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Mon Jul 17 2017 12:30:56 GMT-0600 (MDT)  
**To:** Daniel Fagre <dan\_fagre@usgs.gov>, "Regan, Claudia" <cregan@usgs.gov>, Lauren Alley <lauren\_alley@nps.gov>  
**CC:** Justin Pressfield <jpressfield@usgs.gov>, "Puckett, Catherine" <cpuckett@usgs.gov>  
**Subject:** Re: Inquires

All USGS inquiries should now to:

Heather Swift

[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)

On Mon, Jul 17, 2017 at 10:52 AM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

Please send all inquiries to:

Justin Pressfield, [jpressfield@usgs.gov](mailto:jpressfield@usgs.gov), 916-278-9500  
Catherine Puckett, [cpuckett@usgs.gov](mailto:cpuckett@usgs.gov), 352-377-2469

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

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--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

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**Daniel Fagre <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>**

---

**From:** Daniel Fagre <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>  
**Sent:** Mon Jul 17 2017 14:33:11 GMT-0600 (MDT)  
**To:** "Soileau, Suzanna" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>  
**Subject:** Re: Inquires

Sent one reporter to Heather

Sent from my iPhone

On Jul 17, 2017, at 12:31 PM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

All USGS inquiries should now to:

Heather Swift

[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)

On Mon, Jul 17, 2017 at 10:52 AM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:  
Please send all inquiries to:

Justin Pressfield, [jpressfield@usgs.gov](mailto:jpressfield@usgs.gov), 916-278-9500  
Catherine Puckett, [cpuckett@usgs.gov](mailto:cpuckett@usgs.gov), 352-377-2469

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
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2327 University Way, Suite 2  
Bozeman, MT 59715  
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Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

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Suzanna

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Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715

Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

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## "Soileau, Suzanna" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

---

**From:** "Soileau, Suzanna" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>  
**Sent:** Mon Jul 17 2017 14:33:38 GMT-0600 (MDT)  
**To:** Daniel Fagre <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>  
**Subject:** Re: Inquires

Who was it?

On Mon, Jul 17, 2017 at 2:33 PM, Daniel Fagre <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)> wrote:  
Sent one reporter to Heather

Sent from my iPhone

On Jul 17, 2017, at 12:31 PM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

All USGS inquiries should now to:

Heather Swift

[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)

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Please send all inquiries to:

Justin Pressfield, [jpressfield@usgs.gov](mailto:jpressfield@usgs.gov), 916-278-9500  
Catherine Puckett, [cpuckett@usgs.gov](mailto:cpuckett@usgs.gov), 352-377-2469

Suzanna

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Fax: 406-994-6556  
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Suzanna

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Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

~~~~~  
"Something hidden. Go and find it. Go and look behind the Ranges- Something lost behind the Ranges. Lost and waiting for you. Go!"

Rudyard Kipling, The Explorer

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--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

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**Daniel Fagre <dan\_fagre@usgs.gov>**

---

**From:** Daniel Fagre <dan\_fagre@usgs.gov>  
**Sent:** Mon Jul 17 2017 15:13:05 GMT-0600 (MDT)  
**To:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Subject:** Re: Inquires

Jake Horowitz from MIC

Sent from my iPhone



On Jul 17, 2017, at 2:34 PM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

Who was it?

On Mon, Jul 17, 2017 at 2:33 PM, Daniel Fagre <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)> wrote:  
Sent one reporter to Heather

Sent from my iPhone

On Jul 17, 2017, at 12:31 PM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

All USGS inquiries should now to:

Heather Swift

[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)

On Mon, Jul 17, 2017 at 10:52 AM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

Please send all inquiries to:

Justin Pressfield, [jpressfield@usgs.gov](mailto:jpressfield@usgs.gov), 916-278-9500  
Catherine Puckett, [cpuckett@usgs.gov](mailto:cpuckett@usgs.gov), 352-377-2469

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
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--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

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--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2

Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

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**Suzanna Soileau <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>**

---

**From:** Suzanna Soileau <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>  
**Sent:** Mon Jul 17 2017 15:29:50 GMT-0600 (MDT)  
**To:** Daniel Fagre <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>  
**Subject:** Re: Inquires

# Label: "FOIA 00175"

**Created by: dan\_fagre@usgs.gov**

Total Messages in label: 57 (22 conversations)

Created: 08-09-2017 at 11:48 AM

# Conversation Contents

**MIC: Exclusive: Trump administration pulled top climate expert from Mark Zuckerberg's national park visit**

**Justin Pressfield <jpressfield@usgs.gov>**

---

**From:** Justin Pressfield <jpressfield@usgs.gov>  
**Sent:** Mon Jul 17 2017 18:24:39 GMT-0600 (MDT)  
**To:** Betsy Hildebrandt <bhildebrandt@usgs.gov>, Catherine E Puckett <cpuckett@usgs.gov>, Leslie Jones <ljones@usgs.gov>, AB Wade <abwade@usgs.gov>, Claudia Regan <cregan@usgs.gov>, Suzanna Soileau <ssoileau@usgs.gov>, Paul Laustsen <plaustsen@usgs.gov>, "Richard C. Ferrero" <rferrero@usgs.gov>, dan\_fagre@usgs.gov  
**Subject:** MIC: Exclusive: Trump administration pulled top climate expert from Mark Zuckerberg's national park visit

<https://m.mic.com/articles/182356/exclusive-trump-administration-pulled-top-climate-expert-from-mark-zuckerbergs-national-park-visit#.qMPFqbH2z>

Justin Pressfield  
US Department of the Interior  
US Geological Survey  
Chief of Communications, West  
Mobile: (916) 335-1211



# Label: "FOIA 00175"

**Created by: dan\_fagre@usgs.gov**

Total Messages in label: 57 (22 conversations)

Created: 08-09-2017 at 11:48 AM

# Conversation Contents

Important - potential media inquiries today

**"Soileau, Suzanna" <ssoileau@usgs.gov>**

---

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Mon Jul 17 2017 11:21:56 GMT-0600 (MDT)  
**To:** GS-NOROCK PIs <gs-norock\_pis@usgs.gov>  
"Regan, Claudia" <cregan@usgs.gov>, "Judy O'Dwyer"  
<jodwyer@usgs.gov>, Justin Pressfield <jpressfield@usgs.gov>,  
**CC:** "Miller, Cheryl" <cemiller@usgs.gov>  
**Subject:** Important - potential media inquiries today

All - If you happen to get any media inquiries from anyone regarding a recent visit from Facebook to Glacier National Park, please send those to: Justin Pressfield, [jpressfield@usgs.gov](mailto:jpressfield@usgs.gov), 916-278-9500, with a cc to Catherine Puckett, [cpuckett@usgs.gov](mailto:cpuckett@usgs.gov), 352-377-2469.

Thanks,

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

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# Label: "FOIA 00175"

**Created by: dan\_fagre@usgs.gov**

Total Messages in label: 57 (22 conversations)

Created: 08-09-2017 at 11:48 AM

# Conversation Contents

Important - potential media inquiries today

**"Soileau, Suzanna" <ssoileau@usgs.gov>**

---

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Mon Jul 17 2017 11:21:56 GMT-0600 (MDT)  
**To:** GS-NOROCK PIs <gs-norock\_pis@usgs.gov>  
"Regan, Claudia" <cregan@usgs.gov>, "Judy O'Dwyer"  
<jodwyer@usgs.gov>, Justin Pressfield <jpressfield@usgs.gov>,  
**CC:** "Miller, Cheryl" <cemiller@usgs.gov>  
**Subject:** Important - potential media inquiries today

All - If you happen to get any media inquiries from anyone regarding a recent visit from Facebook to Glacier National Park, please send those to: Justin Pressfield, [jpressfield@usgs.gov](mailto:jpressfield@usgs.gov), 916-278-9500, with a cc to Catherine Puckett, [cpuckett@usgs.gov](mailto:cpuckett@usgs.gov), 352-377-2469.

Thanks,

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

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# Label: "FOIA 00175"

**Created by:** dan\_fagre@usgs.gov

Total Messages in label: 57 (22 conversations)

Created: 08-09-2017 at 11:48 AM

# Conversation Contents

Urgent inquiry for timely story

**Jake Horowitz <jhorowitz@mic.com>**

---

**From:** Jake Horowitz <jhorowitz@mic.com>  
**Sent:** Mon Jul 17 2017 10:55:53 GMT-0600 (MDT)  
**To:** <dan\_fagre@usgs.gov>  
**Subject:** Urgent inquiry for timely story

Dan,

My name is Jake Horowitz, I'm the co-founder of Mic. I'm trying to get in touch because I'm working on an important story surrounding Mark Zuckerberg's trip to Glacier National Park. I was told you might be the person who can answer my question. It's quite timely and I'd like to connect ASAP (also tried calling you).

Do you have a few mins? ([914 527 2864](tel:9145272864))

Thank you  
Jake



Co-founder, Editor-at-large

**Jake Horowitz**

[@jacobdhorowitz](https://twitter.com/jacobdhorowitz) | 914-527-2864

# Label: "FOIA 00175"

**Created by:** dan\_fagre@usgs.gov

Total Messages in label: 57 (22 conversations)

Created: 08-09-2017 at 11:48 AM

# Conversation Contents

## Inquiries

### **Suzanna Soileau <ssoileau@usgs.gov>**

---

**From:** Suzanna Soileau <ssoileau@usgs.gov>  
**Sent:** Wed Jul 12 2017 10:24:56 GMT-0600 (MDT)  
**To:** Lauren Alley <lauren\_alley@nps.gov>  
**CC:** Daniel Fagre <dan\_fagre@usgs.gov>, Claudia Regan <cregan@usgs.gov>  
**Subject:** Inquiries

Hi Lauren - if you get inquiries about USGS and this weekend's event, please refer to AB Wade:

703-648-4460  
[abwade@usgs.gov](mailto:abwade@usgs.gov)

Thanks,

Suzanna

### **"Regan, Claudia" <cregan@usgs.gov>**

---

**From:** "Regan, Claudia" <cregan@usgs.gov>  
**Sent:** Wed Jul 12 2017 10:36:17 GMT-0600 (MDT)  
**To:** Suzanna Soileau <ssoileau@usgs.gov>  
**CC:** Lauren Alley <lauren\_alley@nps.gov>, Daniel Fagre <dan\_fagre@usgs.gov>  
**Subject:** Re: Inquiries

Thanks, Suzanna.

Yes, we have no comment and all inquiries should be referred to AB.

---

**Claudia Regan**  
Center Director  
**Northern Rocky Mountain Science Center**  
US Geological Survey  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Email: [cregan@usgs.gov](mailto:cregan@usgs.gov)

Office: 406-994-7972

Mobile: 406-404-9978

**Visit our website at:** <https://www.usgs.gov/norock>

On Wed, Jul 12, 2017 at 10:24 AM, Suzanna Soileau <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

Hi Lauren - if you get inquiries about USGS and this weekend's event, please refer to AB Wade:

703-648-4460

[abwade@usgs.gov](mailto:abwade@usgs.gov)

Thanks,

Suzanna



# Label: "FOIA 00175"

**Created by: dan\_fagre@usgs.gov**

Total Messages in label: 57 (22 conversations)

Created: 08-09-2017 at 11:48 AM

# Conversation Contents

please call me

## "Regan, Claudia" <cregan@usgs.gov>

---

**From:** "Regan, Claudia" <cregan@usgs.gov>  
**Sent:** Tue Jul 11 2017 17:27:41 GMT-0600 (MDT)  
**To:** "Fagre, Daniel" <dan\_fagre@usgs.gov>  
**CC:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Subject:** please call me

Hi Dan...I'm sure you are gone for the day. Please call me when you can. My mobile might be best. this evening is ok. or tomorrow.

change of plans for saturday.

---

### Claudia Regan

Center Director

#### Northern Rocky Mountain Science Center

US Geological Survey

2327 University Way, Suite 2

Bozeman, MT 59715

Email: [cregan@usgs.gov](mailto:cregan@usgs.gov)

Office: 406-994-7972

Mobile: 406-404-9978

Visit our website at: <https://www.usgs.gov/norock>

## Suzanna Soileau <ssoileau@usgs.gov>

---

**From:** Suzanna Soileau <ssoileau@usgs.gov>  
**Sent:** Wed Jul 12 2017 07:27:09 GMT-0600 (MDT)  
**To:** "Fagre, Daniel" <dan\_fagre@usgs.gov>, "Regan, Claudia" <cregan@usgs.gov>  
**Subject:** Re: please call me

# Label: "FOIA 00175"

**Created by:** dan\_fagre@usgs.gov

Total Messages in label: 57 (22 conversations)

Created: 08-09-2017 at 11:49 AM

## Conversation Contents

Fwd: Weekly Report for the Week of: June 26, 2017

### Attachments:

/16. Fwd: Weekly Report for the Week of: June 26, 2017/1.1 2017.06.26.docx

### "Soileau, Suzanna" <ssoileau@usgs.gov>

---

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Wed Jul 05 2017 09:05:44 GMT-0600 (MDT)  
**To:** GS-NOROCK Federal Employees <gs-norock\_federal\_employees@usgs.gov>  
**Subject:** Fwd: Weekly Report for the Week of: June 26, 2017  
**Attachments:** 2017.06.26.docx

----- Forwarded message -----

From: **Drane-Maury, Mia** <[mdrane-maury@usgs.gov](mailto:mdrane-maury@usgs.gov)>  
Date: Wed, Jul 5, 2017 at 9:00 AM  
Subject: Weekly Report for the Week of: June 26, 2017  
To: Joanne Taylor <[jtaylor@usgs.gov](mailto:jtaylor@usgs.gov)>, Paul Young <[pyoung@usgs.gov](mailto:pyoung@usgs.gov)>, [srbrady@usgs.gov](mailto:srbrady@usgs.gov), [gs-eco\\_all@usgs.gov](mailto:gs-eco_all@usgs.gov), [gs\\_ser\\_senior\\_staff@usgs.gov](mailto:gs_ser_senior_staff@usgs.gov), [bserna@usgs.gov](mailto:bserna@usgs.gov), [kwesenberg@usgs.gov](mailto:kwesenberg@usgs.gov), Mike Jarvis <[mjarvis@usgs.gov](mailto:mjarvis@usgs.gov)>, [bwheeler@usgs.gov](mailto:bwheeler@usgs.gov), [mcorum@usgs.gov](mailto:mcorum@usgs.gov), [mrobic@usgs.gov](mailto:mrobic@usgs.gov), [amoye@usgs.gov](mailto:amoye@usgs.gov), [gmrogall@usgs.gov](mailto:gmrogall@usgs.gov), Kent Swanjord <[knswanjord@usgs.gov](mailto:knswanjord@usgs.gov)>, [mratnaswamy@usgs.gov](mailto:mratnaswamy@usgs.gov), [sbarnes@usgs.gov](mailto:sbarnes@usgs.gov), [wald@usgs.gov](mailto:wald@usgs.gov), [kkovacs@usgs.gov](mailto:kkovacs@usgs.gov), [lcorey@usgs.gov](mailto:lcorey@usgs.gov), [dkroes@usgs.gov](mailto:dkroes@usgs.gov), [aalexander@usgs.gov](mailto:aalexander@usgs.gov), Amelia Barrales <[aredhill@usgs.gov](mailto:aredhill@usgs.gov)>, [boding@usgs.gov](mailto:boding@usgs.gov), [cemiller@usgs.gov](mailto:cemiller@usgs.gov), Dawn Childs <[dchilds@usgs.gov](mailto:dchilds@usgs.gov)>, Diane Noserale <[dnoseral@usgs.gov](mailto:dnoseral@usgs.gov)>, [dpsmith@usgs.gov](mailto:dpsmith@usgs.gov), [evarelaminder@usgs.gov](mailto:evarelaminder@usgs.gov), [hgibbons@usgs.gov](mailto:hgibbons@usgs.gov), [hhehn@usgs.gov](mailto:hhehn@usgs.gov), Holly Padgett <[hpadgett@usgs.gov](mailto:hpadgett@usgs.gov)>, [jmosley@usgs.gov](mailto:jmosley@usgs.gov), [jober@usgs.gov](mailto:jober@usgs.gov), [jtowns@usgs.gov](mailto:jtowns@usgs.gov), Kaleb Blodgett <[kdblodgett@usgs.gov](mailto:kdblodgett@usgs.gov)>, [lnorman@usgs.gov](mailto:lnorman@usgs.gov), Elizabeth Westby <[lwestby@usgs.gov](mailto:lwestby@usgs.gov)>, [mmcniff@usgs.gov](mailto:mmcniff@usgs.gov), Peter Modreski <[pmodreski@usgs.gov](mailto:pmodreski@usgs.gov)>, [pwatson@usgs.gov](mailto:pwatson@usgs.gov), "Ochoa, Regina" <[rochoa@usgs.gov](mailto:rochoa@usgs.gov)>, [rreagan@usgs.gov](mailto:rreagan@usgs.gov), [sbeldin@usgs.gov](mailto:sbeldin@usgs.gov), "Cook, Sarah Ann" <[scook@usgs.gov](mailto:scook@usgs.gov)>, [shane@usgs.gov](mailto:shane@usgs.gov), Suzanna Soileau <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>, Timothy Merrick <[trmerrick@usgs.gov](mailto:trmerrick@usgs.gov)>, [tscott@usgs.gov](mailto:tscott@usgs.gov), [xrojas-rocha@usgs.gov](mailto:xrojas-rocha@usgs.gov), [ygillies@usgs.gov](mailto:ygillies@usgs.gov), "Wilkins, Aleeza" <[awilkins@usgs.gov](mailto:awilkins@usgs.gov)>, [dfrank@usgs.gov](mailto:dfrank@usgs.gov), [mmontour@usgs.gov](mailto:mmontour@usgs.gov), [smorrison@usgs.gov](mailto:smorrison@usgs.gov), Vivian Nolan <[vpnolan@usgs.gov](mailto:vpnolan@usgs.gov)>, [skemp@usgs.gov](mailto:skemp@usgs.gov), [kallstadt@usgs.gov](mailto:kallstadt@usgs.gov), [jljones@usgs.gov](mailto:jljones@usgs.gov), [trichardson@usgs.gov](mailto:trichardson@usgs.gov), [klee@usgs.gov](mailto:klee@usgs.gov), [tjreilly@usgs.gov](mailto:tjreilly@usgs.gov), [dwmorgan@usgs.gov](mailto:dwmorgan@usgs.gov), "Lukas, William" <[wlukas@usgs.gov](mailto:wlukas@usgs.gov)>

All,

Please find last week's PA report attached. Let me know if you have any questions.

Best,

-m

--

[Mia Drane-Maury](#), public affairs specialist at the [U.S. Geological Survey](#)  
[mdrane-maury@usgs.gov](mailto:mdrane-maury@usgs.gov) | (703) 648-4408

[Facebook](#) | [Twitter](#) | [Instagram](#) | [YouTube](#) | [Flickr](#) | [Streamgages of Instagram](#)

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Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>  
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Rudyard Kipling, The Explorer

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# Label: "FOIA 00175"

**Created by: dan\_fagre@usgs.gov**

Total Messages in label: 57 (22 conversations)

Created: 08-09-2017 at 11:49 AM

# Conversation Contents

**Fwd: Highlights Report from the west, June 29-30, 2017**

**Attachments:**

/17. Fwd: Highlights Report from the west, June 29-30, 2017/1.1 Highlights\_June 26-30\_2017.docx

**"Soileau, Suzanna" <ssoileau@usgs.gov>**

---

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Mon Jul 03 2017 09:28:29 GMT-0600 (MDT)  
**To:** GS-NOROCK All <gs-norock\_all@usgs.gov>  
**Subject:** Fwd: Highlights Report from the west, June 29-30, 2017  
**Attachments:** Highlights\_June 26-30\_2017.docx

All - attached are last week's highlights. Send me your entries for this week by COB Wednesday.

Thanks!

----- Forwarded message -----

**From:** Redhill, Amelia <[aredhill@usgs.gov](mailto:aredhill@usgs.gov)>  
**Date:** Fri, Jun 30, 2017 at 3:44 PM  
**Subject:** Highlights Report from the west, June 29-30, 2017  
**To:** GS Western Highlights <[GS\\_Western\\_highlights@usgs.gov](mailto:GS_Western_highlights@usgs.gov)>

Good afternoon everyone,

Attached are this weeks Highlights.

Enjoy the weekend!

Amelia

--

**Amelia Redhill**  
U.S. Geological Survey  
Office of Communications and Publishing - Menlo Park PSC  
345 Middlefield Road, M/S 919  
Menlo Park, CA 94025  
Phone: 650-329-5136  
**Email:** [aredhill@usgs.gov](mailto:aredhill@usgs.gov)

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

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Rudyard Kipling, The Explorer

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# Label: "FOIA 00175"

**Created by: dan\_fagre@usgs.gov**

Total Messages in label: 57 (22 conversations)

Created: 08-09-2017 at 11:49 AM

# Conversation Contents

## NOROCK Highlights

### "Soileau, Suzanna" <ssoileau@usgs.gov>

---

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Thu Jun 29 2017 13:15:51 GMT-0600 (MDT)  
**To:** Amelia C Barrales <aredhill@usgs.gov>, Cheryl Miller <cemiller@usgs.gov>, Claudia Regan <cregan@usgs.gov>, GS-DO -OCAP-Highlights <highlights@usgs.gov>, "Judy O'Dwyer" <jodwyer@usgs.gov>, "Maria-Richetta Harris (Camille)" <mcharris@usgs.gov>, Paul Laustsen <plaustsen@usgs.gov>  
**BCC:** gs-norock\_all@usgs.gov  
**Subject:** NOROCK Highlights

**For Diane:**

**Title: USGS glacier scientist and center communicator to join Facebook CEO on tour of Glacier NP.**

- **What:** USGS glacier scientist and center communicator to join Facebook CEO on short tour of Glacier NP.
- **Date Entered:** 6/28/17
- **Estimated Date:** 7/15/17
- **Where:** Glacier National Park
- **Background:** USGS glacier scientist Dan Fagre and center communicator Suzanna Soileau have been invited on the request of Facebook Communications Director Derick Mains to join CEO Mark Zuckerberg and park officials in Glacier National Park on July 15 as he travels to Logan Pass to learn more about issues surrounding the natural resources of the park. Facebook learned of Fagre's work from a press release highlighting a data release on declining glacier margins in the park. Fagre will answer questions about USGS research on changing mountain ecosystems and glacier recession.
- **Partners/Stakeholders:** Glacier National Park
- **Hill Interest:** No
- **High-Profile/Controversial:** Yes
- **Journal/Outlet:** NA
- **Publication Status:** NA
- **POC:** Suzanna Soileau, NOROCK, [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

**Title: New study: Declines revisited: Long-term recovery and spatial population dynamics of tailed frog larvae after wildfire**

- **What:** Accepted publication
- **Date Entered:** 06/28/17
- **Estimated Date:** July

- **Where:** Montana
- **Background:** USGS scientist Blake Hossack (NOROCK) is author of a new publication accepted in the journal, *Biological Conservation*. Scientists re-surveyed 8 streams 11–12 years after a wildfire to determine if fire-associated declines in abundance of larval Rocky Mountain tailed frogs (*Ascaphus montanus*) persisted or if populations had recovered. Rocky Mountain tailed frogs have several unusual life-history traits that could slow population recovery, including an extended larval period (4 yrs), delayed sexual maturity (6–8 yrs), and low fecundity (<50 eggs/yr). Results showed that negative effects of burn extent on larval abundance weakened >58% within 12 yrs after the fire, allowing populations to recover to near pre-fire levels within 2 generations.
- **Partners/Stakeholders:**
- **Hill Interest:** No
- **High-Profile/Controversial:** No
- **Journal/Outlet:** Biological Conservation
- **Publication Status:** Accepted
- **POC:** Blake Hossack, [blake\\_hossack@usgs.gov](mailto:blake_hossack@usgs.gov)

**Title: New study: Management of pneumonia in bighorn sheep: risk and resilience**

- **What:** Accepted publication
- **Date Entered:** 06/28/17
- **Estimated Date:** July
- **Where:** western US
- **Background:** USGS scientist Paul Cross (NOROCK) is author of a new publication accepted in The Journal of Wildlife Management. Researchers reviewed the literature on bighorn sheep die-offs across the western United States. Molecular, captive experiments and field data suggest that disease transmission between domestic sheep and bighorn sheep is an important driver of bighorn sheep declines. In particular, *Mycoplasma ovipneumoniae* is a pathogen of significant concern.
- **Partners/Stakeholders:**
- **Hill Interest:** No
- **High-Profile/Controversial:** No
- **Journal/Outlet:** The Journal of Wildlife Management.
- **Publication Status:** Accepted
- **POC:** Paul Cross, [pcross@usgs.gov](mailto:pcross@usgs.gov)

**For Western Report:**

**USGS NOROCK invasive species scientist presents and gives field tour at 100th Meridian Initiative Columbia River Basin meeting:** On June 27 and 28, Research Zoologist Adam Sepulveda (NOROCK) attended the 100th Meridian Initiative Columbia River Basin team working group meeting in Helena, Montana. Sepulveda updated the working group on national-level intergovernmental coordination efforts to prevent spread of dreissenid mussels to the Columbia River Basin. The meeting was attended by DOI Acting Assistant Secretary of Water and Science Scott Cameron on June 27th. On June 28th, Sepulveda joined DOI Invasive Species Coordinator Hilary Smith and USFWS AIS coordinator for Region 6 Joanne Grady on a field tour of Canyon Ferry Reservoir, a mussel suspected site. Sepulveda took them to a boat inspection station and demonstrated eDNA sampling at the site. (Adam Sepulveda, [asepulveda@usgs.gov](mailto:asepulveda@usgs.gov) )

**USGS NOROCK glacier scientist does Climatewire interview on shrinking glaciers:** On June 27th, glacier scientist Dan Fagre did an interview with Brittany Patterson, a reporter with E&E News' *Climatewire* about cascading effects of shrinking glaciers and diminishing snow packs on Glacier Park's ecosystem. Fagre cited connection to aquatic species, alpine vegetation and snow avalanches. The article was published June 28. (Dan Fagre, [dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov))

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>  
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Rudyard Kipling, The Explorer

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Total Messages in label: 57 (22 conversations)

Created: 08-09-2017 at 11:49 AM

# Conversation Contents

Visit with Mark Zuckerberg

**"Fagre, Daniel" <dan\_fagre@usgs.gov>**

---

**From:** "Fagre, Daniel" <dan\_fagre@usgs.gov>  
**Sent:** Thu Jun 22 2017 16:03:35 GMT-0600 (MDT)  
**To:** "Willard, Debra" <dwillard@usgs.gov>, "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Subject:** Visit with Mark Zuckerberg

Hi Deb,  
A few hours ago I got word that Facebook founder Mark Zuckerberg will be visiting Glacier in July and his team asked that I visit with him about climate change at Logan Pass. I agreed to this and there has already been email traffic within the USGS as to how to structure some talking points for him. I would like your input from the CLU R&D perspective at some point. I imagine that this will all evolve over the next few weeks. The tentative date is July 15th. Adios for now.  
Dan

--

\*\*\*\*\*

Daniel B. Fagre, Ph.D.  
USGS Northern Rocky Mountain Science Center  
215 Mather Drive  
Glacier National Park  
West Glacier, MT 59936  
Ph: 406-888-7922  
Email: [dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)

\*\*\*\*\*

**"Willard, Debra" <dwillard@usgs.gov>**

---

**From:** "Willard, Debra" <dwillard@usgs.gov>  
**Sent:** Fri Jun 23 2017 06:19:30 GMT-0600 (MDT)  
**To:** "Fagre, Daniel" <dan\_fagre@usgs.gov>  
**Subject:** Re: Visit with Mark Zuckerberg

Hi Dan,

Thanks for the heads up. Let me know if/when you'd like to chat.

Best.  
Deb

---

Debra A. Willard, PhD  
US Geological Survey

Coordinator, Climate Research & Development Program  
12201 Sunrise Valley Drive, Rm 4B 318  
926A National Center  
Reston, VA 20192  
phone: 703-648-5320  
e-mail: [dwillard@usgs.gov](mailto:dwillard@usgs.gov)  
<https://profile.usgs.gov/dwillard>

On Thu, Jun 22, 2017 at 6:03 PM, Fagre, Daniel <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)> wrote:

Hi Deb,

A few hours ago I got word that Facebook founder Mark Zuckerberg will be visiting Glacier in July and his team asked that I visit with him about climate change at Logan Pass. I agreed to this and there has already been email traffic within the USGS as to how to structure some talking points for him. I would like your input from the CLU R&D perspective at some point. I imagine that this will all evolve over the next few weeks. The tentative date is July 15th. Adios for now.

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USGS Northern Rocky Mountain Science Center  
215 Mather Drive  
Glacier National Park  
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Ph: 406-888-7922  
Email: [dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)  
\*\*\*\*\*



# Label: "FOIA 00175"

**Created by:** dan\_fagre@usgs.gov

Total Messages in label: 57 (22 conversations)

Created: 08-09-2017 at 11:49 AM

# Conversation Contents

## Upcoming Dan Fagre meeting with Mark Zuckerberg

**"Ball, Lianne" <lball@usgs.gov>**

---

**From:** "Ball, Lianne" <lball@usgs.gov>  
**Sent:** Thu Jun 22 2017 15:26:49 GMT-0600 (MDT)  
**To:** Anne-Berry Wade <abwade@usgs.gov>, Anne Kinsinger <akinsinger@usgs.gov>, "Puckett, Catherine" <cpuckett@usgs.gov>, Claudia Regan <cregan@usgs.gov>, William Lellis <wlellis@usgs.gov>  
**CC:** Colette Charbonneau <ccharbonneau@usgs.gov>, Suzanna Soileau <ssoileau@usgs.gov>, Melanie Steinkamp <msteinkamp@usgs.gov>, Daniel Fagre <dan\_fagre@usgs.gov>, Steven Hilburger <shilburger@usgs.gov>, Justin Pressfield <jpressfield@usgs.gov>, Ryan McClymont <rmcclymont@usgs.gov>  
**Subject:** Upcoming Dan Fagre meeting with Mark Zuckerberg

Hi AB,

Steve Hilburger just told Melanie Steinkamp and me that Facebook founder Mark Zuckerberg has scheduled a meeting with Dan Fagre in July. That's great! In Ecosystems he's funded by the Environments Program, and Melanie is the PC.

Steve said that Anne has some talking points that could be helpful to get ahead of some of the things folks need to get ahead of.

We'll coordinate with Anne to get those ideas to NOROCK.

Thanks,

Lianne

--

Lianne Ball, Ph.D.  
Science Adviser, Environments Program  
US Geological Survey  
12201 Sunrise Valley Dr  
Mail Stop 301  
Reston, VA 20192

Ph (703) 648-4028

However beautiful the strategy, you should occasionally look at the results *Winston Churchill*

## **Label: "FOIA 00175"**

**Created by: dan\_fagre@usgs.gov**

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# Conversation Contents

Fwd: Facebook Visit to Glacier

**"Soileau, Suzanna" <ssoileau@usgs.gov>**

---

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Thu Jun 22 2017 12:56:18 GMT-0600 (MDT)  
**To:** Daniel Fagre <dan\_fagre@usgs.gov>  
Paul Laustsen <plaustsen@usgs.gov>, Ryan McClymont <rmcclymont@usgs.gov>, Scott Horvath <shorvath@usgs.gov>, Justin Pressfield <jpressfield@usgs.gov>, "Regan, Claudia" <cregan@usgs.gov>  
**CC:**  
**Subject:** Fwd: Facebook Visit to Glacier

Hi Dan -

Pretty exciting opportunity coming our way. Mark Zuckerberg, CEO of Facebook, is traveling to Glacier and they have asked if you could join them in the field on July 15.

This is an incredible opportunity and I hope that you can make time or have one of your staff be available. See details below and let me know.

Thanks!

----- Forwarded message -----

**From:** **Alley, Lauren** <lauren\_alley@nps.gov>  
**Date:** Thu, Jun 22, 2017 at 12:47 PM  
**Subject:** Re: Facebook Visit to Glacier  
**To:** [derickmains@fb.com](mailto:derickmains@fb.com)  
**Cc:** "Suzanna C. Soileau" <ssoileau@usgs.gov>

Derick,

Thanks for getting in touch about this upcoming visit.

I'll be your point of contact for coordinating this trip.

Let's set up a time next week to talk through some of these details. I'm also including USGS Public Affairs Specialist Suzanna Soileau on this email as you asked about including Dan Fagre in the group.

My schedule is fairly open next Monday and Wednesday. Do you have a time that works on either of those days?



**Lauren Alley**  
Management Assistant  
Glacier National Park

406.888.5838

----- Forwarded message -----

From: **Johnson, Kyle** <[kyle\\_johnson@nps.gov](mailto:kyle_johnson@nps.gov)>

Date: Wed, Jun 21, 2017 at 2:49 PM

Subject: Fwd: Facebook Visit to Glacier

To: "Alley, Lauren" <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>, "Austin, Paul" <[paul\\_austin@nps.gov](mailto:paul_austin@nps.gov)>

Lauren,

Conferenced with Derick yesterday and this is what he sent me today. Please contact him and let him know you will be the point of contact for the visit.

Thanks for your help.

----- Forwarded message -----

From: **Derick Mains** <[derickmains@fb.com](mailto:derickmains@fb.com)>

Date: Wed, Jun 21, 2017 at 12:20 PM

Subject: Facebook Visit to Glacier

To: "Johnson, Kyle" <[kyle\\_johnson@nps.gov](mailto:kyle_johnson@nps.gov)>

Cc: Derick Mains <[derickmains@fb.com](mailto:derickmains@fb.com)>

Hi Kyle,

Thanks for the time over the phone yesterday. It was good to catch up.

As I mentioned, as part of a personal challenge for 2017, Mark is spending the year traveling across the country visiting approximately the 30 states he's never been to. In doing so he has several different goals; to get out of his bubble here at Facebook and in Northern California, to visit communities and meet people he wouldn't otherwise wouldn't and most importantly learn. [Here](#) is a story the NY Times did on his travels.

We try to develop themes for the areas and people he meets with. So far, we haven't really done anything around natural resources and people who work to manage public lands. Earlier in the trip he'll be visiting a North Dakota community involved in oil production and thought that a visit to Glacier, where the effects of global warming have been widely documented, would be a good balance.

Mark would like to meet with people involved with the stewardship of the Park. This could include Superintendent Mow, park rangers, park volunteers, someone from the Glacier Institute and someone involved in the study of climate change on the park (someone from the USGS and/or Portland State who worked on [this](#) study). If you are free, I'd like you to attend to be able talk to Mark about your 30 years in the park and your role as a backcountry ranger.



We'd also like to do this meeting a little differently. Rather than at Park HQ in a conference room we'd like to do it in a Jammer heading up the Pass. Thought is to take the meeting outside and talk about the

Park in the Park. It would be great to drive up to the Pass, get out and walk the boardwalk to the Hidden Lake overlook. This would give mark the opportunity to informally interact with some of the visitors along with giving us some great photos. Let me know if you have a contact at Xanterra I could talk to about renting a Jammer for the day.

### ***Ideal schedule***

Saturday July 15 (*these times might get pushed back an hour or two*)

**Noon:** Mark arrives Park HQ, greeted by Superintendent Mow

**12:15** Group (people mentioned above) pile into a Jammer and head up the Going to the Sun Road

**12-15 – 1:15:** Drive the GTS to Logan Pass (discussion/meeting along the way)

**1:15 – 2:00:** Hike to Hidden Lake Overlook

**2:15 – 3:15:** Drive to West Glacier (in Facebook vehicle en route to another visit)

### ***Possible attendees***

Superintendent Mow

Chief Ranger Paul Austin

Ranger Kyle Johnson

3-4 Park volunteers (your call here, would be great to have some of the retired folks you mentioned)

Glacier Institute Executive Director Joyce Baltz (or someone else)

USGS Research Ecologist Daniel B Fagre

*\* Happy to have your PIO or social media lead join to document the visit*

Also, it would be great if you could be the liaison with our security team as you've coordinated these types of visits to Glacier.

Let me know what you think of this.

Derick

--  
Kyle Johnson  
US Park Ranger  
Wilderness Specialist  
(406) 888-7838  
[Kyle\\_Johnson@nps.gov](mailto:Kyle_Johnson@nps.gov)

--

Suzanna

~~~~~  
Suzanna C. Soileau  
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2327 University Way, Suite 2  
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**"Fagre, Daniel" <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>**

---

**From:** "Fagre, Daniel" <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>  
**Sent:** Thu Jun 22 2017 13:15:19 GMT-0600 (MDT)  
**To:** "Soileau, Suzanna" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>  
Paul Laustsen <[plaustsen@usgs.gov](mailto:plaustsen@usgs.gov)>, Ryan McClymont <[rmcclymont@usgs.gov](mailto:rmcclymont@usgs.gov)>, Scott Horvath <[shorvath@usgs.gov](mailto:shorvath@usgs.gov)>, Justin Pressfield <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>, "Regan, Claudia" <[cregan@usgs.gov](mailto:cregan@usgs.gov)>  
**CC:**



**Subject:** Re: Facebook Visit to Glacier

Hi Suzanna,

Yes, I'd be happy to join the Facebook group at Logan Pass and talk to Mark about our research. I hope they know it could be very crowded on the boardwalk on a Saturday in July!

Dan

On Thu, Jun 22, 2017 at 12:56 PM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

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Derick,

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Let's set up a time next week to talk through some of these details. I'm also including USGS Public Affairs Specialist Suzanna Soileau on this email as you asked about including Dan Fagre in the group.

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Management Assistant

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Kyle Johnson  
US Park Ranger  
Wilderness Specialist  
(406) 888-7838  
[Kyle\\_Johnson@nps.gov](mailto:Kyle_Johnson@nps.gov)

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

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Daniel B. Fagre, Ph.D.  
USGS Northern Rocky Mountain Science Center  
215 Mather Drive  
Glacier National Park  
West Glacier, MT 59936  
Ph: 406-888-7922  
Email: [dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)

\*\*\*\*\*

**"Soileau, Suzanna" <ssoileau@usgs.gov>**

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**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Thu Jun 22 2017 13:17:32 GMT-0600 (MDT)  
**To:** "Fagre, Daniel" <dan\_fagre@usgs.gov>  
Paul Laustsen <plaustsen@usgs.gov>, Ryan McClymont <rmcclymont@usgs.gov>, Scott Horvath <shorvath@usgs.gov>, Justin Pressfield <jpressfield@usgs.gov>, "Regan, Claudia" <cregan@usgs.gov>  
**CC:**  
**Subject:** Re: Facebook Visit to Glacier

Thanks Dan - I will pass along.

I imagine Lauren will give them that heads up:) He might cause more of a crowd!

On Thu, Jun 22, 2017 at 1:15 PM, Fagre, Daniel <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)> wrote:

Hi Suzanna,

Yes, I'd be happy to join the Facebook group at Logan Pass and talk to Mark about our research. I hope they know it could be very crowded on the boardwalk on a Saturday in July!

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Date: Thu, Jun 22, 2017 at 12:47 PM

Subject: Re: Facebook Visit to Glacier

To: [derickmains@fb.com](mailto:derickmains@fb.com)

Cc: "Suzanna C. Soileau" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

Derick,

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I'll be your point of contact for coordinating this trip.

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My schedule is fairly open next Monday and Wednesday. Do you have a time that works on either of those days?

**Lauren Alley**

Management Assistant

Glacier National Park

406.888.5838

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To: "Alley, Lauren" <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>, "Austin, Paul" <[paul\\_austin@nps.gov](mailto:paul_austin@nps.gov)>

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[Kyle\\_Johnson@nps.gov](mailto:Kyle_Johnson@nps.gov)

--

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USGS-NOROCK  
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Rudyard Kipling, The Explorer

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\*\*\*\*\*

Daniel B. Fagre, Ph.D.  
USGS Northern Rocky Mountain Science Center  
215 Mather Drive  
Glacier National Park  
West Glacier, MT 59936  
Ph: 406-888-7922  
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**"Horvath, Scott" <shorvath@usgs.gov>**

---

**From:** "Horvath, Scott" <shorvath@usgs.gov>  
**Sent:** Thu Jun 22 2017 13:17:48 GMT-0600 (MDT)  
**To:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
Daniel Fagre <dan\_fagre@usgs.gov>, Paul Laustsen  
<plaustsen@usgs.gov>, Ryan McClymont  
**CC:** <rmcclymont@usgs.gov>, Justin Pressfield  
<jpressfield@usgs.gov>, "Regan, Claudia" <cregan@usgs.gov>  
**Subject:** Re: Facebook Visit to Glacier

We should try to take advantage of this opportunity. Mark provides a global audience with many eyes and ears with everything he does. This might be a good opportunity for us to have Suzanna do a Facebook Live video with Mark while on the Jammer talking to him about Glacier and hopefully getting him to acknowledge USGS science in some way.

Also, we should at least get one of our folks to take photos throughout his visit that we can use in conjunction with a post across FB, Twitter, and Instagram. I'm thinking some good framed shots of him looking out over the landscape with him on the left-third in the foreground looking out. This way we can use it on Instagram and caption it with information about what he's looking at, ecosystems, climate, or whatever you all decide. But I highly recommend having some tag along that knows how to photograph the landscape well.

I must say, I'm definitely jealous, so I think we really need to take advantage of the visit as best we can. The Facebook Live video would be key and I'm sure that Facebook would reshare it through their own main Facebook page. Same with our any Instagram posts we do (since they also own Instagram).

Thoughts?

## Scott Horvath

Bureau Social Media Lead, Office of Communications and Publishing  
703-648-4011 (work)  
571-296-1157 (cell)

Connect with USGS: [Facebook](#) | [Twitter](#) | [Instagram](#) | and [more!](#)

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**"Laustsen, Paul" <plaustsen@usgs.gov>**

**From:** "Laustsen, Paul" <plaustsen@usgs.gov>  
**Sent:** Thu Jun 22 2017 13:19:14 GMT-0600 (MDT)  
**To:** "Fagre, Daniel" <dan\_fagre@usgs.gov>  
"Soileau, Suzanna" <ssoileau@usgs.gov>, Ryan McClymont <rmcclymont@usgs.gov>, Scott Horvath <shorvath@usgs.gov>, Justin Pressfield <jpressfield@usgs.gov>, "Regan, Claudia" <cregan@usgs.gov>  
**CC:**  
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**Paul C. Laustsen**  
U.S. Geological Survey  
Office of Communications

345 Middlefield Road, MS 144  
Menlo Park, CA 94025  
[plaustsen@usgs.gov](mailto:plaustsen@usgs.gov)  
650-329-4046

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**Subject:** Re: Facebook Visit to Glacier

Hi All - I think I can swing that. I can prep with you all and make sure we get the things we need out of this opportunity.

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Subject: Facebook Visit to Glacier  
To: "Johnson, Kyle" <[kyle\\_johnson@nps.gov](mailto:kyle_johnson@nps.gov)>  
Cc: Derick Mains <[derickmains@fb.com](mailto:derickmains@fb.com)>

Hi Kyle,

Thanks for the time over the phone yesterday. It was good to catch up.

As I mentioned, as part of a personal challenge for 2017, Mark is spending the year traveling across the country visiting approximately the 30 states he's never been to. In doing so he has several different goals; to get out of his bubble here at Facebook and in Northern California, to visit communities and meet people he wouldn't otherwise wouldn't and most importantly learn. [Here](#) is a story the NY Times did on his travels.



We try to develop themes for the areas and people he meets with. So far, we haven't really done anything around natural resources and people who work to manage public lands. Earlier in the

trip he'll be visiting a North Dakota community involved in oil production and thought that a visit to Glacier, where the effects of global warming have been widely documented, would be a good balance.

Mark would like to meet with people involved with the stewardship of the Park. This could include Superintendent Mow, park rangers, park volunteers, someone from the Glacier Institute and someone involved in the study of climate change on the park (someone from the USGS and/or Portland State who worked on [this](#) study). If you are free, I'd like you to attend to be able to talk to Mark about your 30 years in the park and your role as a backcountry ranger.

We'd also like to do this meeting a little differently. Rather than at Park HQ in a conference room we'd like to do it in a Jammer heading up the Pass. Thought is to take the meeting outside and talk about the Park in the Park. It would be great to drive up to the Pass, get out and walk the boardwalk to the Hidden Lake overlook. This would give Mark the opportunity to informally interact with some of the visitors along with giving us some great photos. Let me know if you have a contact at Xanterra I could talk to about renting a Jammer for the day.

### ***Ideal schedule***

Saturday July 15 (*these times might get pushed back an hour or two*)

**Noon:** Mark arrives Park HQ, greeted by Superintendent Mow

**12:15** Group (people mentioned above) pile into a Jammer and head up the Going to the Sun Road

**12-15 – 1:15:** Drive the GTS to Logan Pass (discussion/meeting along the way)

**1:15 – 2:00:** Hike to Hidden Lake Overlook

**2:15 – 3:15:** Drive to West Glacier (in Facebook vehicle en route to another visit)

### ***Possible attendees***

Superintendent Mow

Chief Ranger Paul Austin

Ranger Kyle Johnson

3-4 Park volunteers (your call here, would be great to have some of the retired folks you mentioned)

Glacier Institute Executive Director Joyce Baltz (or someone else)

USGS Research Ecologist Daniel B Fagre

*\* Happy to have your PIO or social media lead join to document the visit*

Also, it would be great if you could be the liaison with our security team as you've coordinated these types of visits to Glacier.

Let me know what you think of this.

Derick

--

Kyle Johnson  
US Park Ranger  
Wilderness Specialist  
(406) 888-7838  
[Kyle\\_Johnson@nps.gov](mailto:Kyle_Johnson@nps.gov)

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

~~~~~  
"Something hidden. Go and find it. Go and look behind the Ranges- Something lost behind the Ranges. Lost and waiting for you. Go!"

Rudyard Kipling, The Explorer

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\*\*\*\*\*

Daniel B. Fagre, Ph.D.  
USGS Northern Rocky Mountain Science Center  
215 Mather Drive  
Glacier National Park  
West Glacier, MT 59936  
Ph: 406-888-7922  
Email: [dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)

\*\*\*\*\*

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

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# Label: "FOIA 00175"

**Created by: dan\_fagre@usgs.gov**

Total Messages in label: 57 (22 conversations)

Created: 08-09-2017 at 11:48 AM

# Conversation Contents

FYI

**"Soileau, Suzanna" <ssoileau@usgs.gov>**

---

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Mon Jul 17 2017 14:29:23 GMT-0600 (MDT)  
**To:** "Regan, Claudia" <cregan@usgs.gov>, Daniel Fagre <dan\_fagre@usgs.gov>, Gregory T Pederson <gpederson@usgs.gov>  
**CC:** "Miller, Cheryl" <cemiller@usgs.gov>, Paul Laustsen <plaustsen@usgs.gov>  
**Subject:** FYI

<https://insideclimatenews.org/news/14072017/usgs-geological-survey-trump-budget-scientific-data-access-research-climate-change>

I know Dan was contacted this morning about this article (not by media). Just a heads up. Catherine Puckett is heading up responses to this one.

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

~~~~~  
"Something hidden. Go and find it. Go and look behind the Ranges- Something lost behind the Ranges. Lost and waiting for you. Go!"

Rudyard Kipling, The Explorer

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# Label: "FOIA/FB\_GNP\_00166"

**Created by:cregan@usgs.gov**

Total Starred Messages in label:20 (20 conversations)

Created: 08-15-2017 at 15:48 PM

# Conversation Contents

Another article but no real difference from others

**Daniel Fagre <dan\_fagre@usgs.gov>**

---

**From:** Daniel Fagre <dan\_fagre@usgs.gov>  
**Sent:** Thu Jul 20 2017 20:40:03 GMT-0600 (MDT)  
**To:** ssoileau@usgs.gov, plaustsen@usgs.gov, lauren\_alley@nps.gov, Claudia Regan <cregan@usgs.gov>  
**Subject:** Another article but no real difference from others

<http://flatheadbeacon.com/>

Sent from my iPhone

**Label: "FOIA/FB\_GNP\_00166"**

**Created by:cregan@usgs.gov**

Total Starred Messages in label:20 (20 conversations)

Created: 08-15-2017 at 15:48 PM

# Conversation Contents

Fwd: New York Daily News: Cancelled meeting with Zuckerberg

**Claudia Regan** <[cregan@usgs.gov](mailto:cregan@usgs.gov)>

---

**From:** Claudia Regan <[cregan@usgs.gov](mailto:cregan@usgs.gov)>  
**Sent:** Thu Jul 20 2017 07:39:55 GMT-0600 (MDT)  
**To:** Suzanna Soileau <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>  
**CC:** [jpressfield@usgs.gov](mailto:jpressfield@usgs.gov), [plaustsen@usgs.gov](mailto:plaustsen@usgs.gov)  
**Subject:** Re: New York Daily News: Cancelled meeting with Zuckerberg

I'll remind Dan to refer all inquiries, including by email, to DOI.

Thanks Claudia

Sent from my iPhone

On Jul 20, 2017, at 6:45 AM, Suzanna Soileau <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

# Label: "FOIA/FB\_GNP\_00166"

**Created by:cregan@usgs.gov**

Total Starred Messages in label:20 (20 conversations)

Created: 08-15-2017 at 15:49 PM

# Conversation Contents

High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)

**Claudia Regan <cregan@usgs.gov>**

---

**From:** Claudia Regan <cregan@usgs.gov>  
**Sent:** Tue Jul 18 2017 19:44:58 GMT-0600 (MDT)  
**To:** jodwyer@usgs.gov  
**Subject:** Fwd: High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)

FYI

Sent from my iPhone

Begin forwarded message:

**From:** "Fagre, Daniel" <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>  
**Date:** July 18, 2017 at 5:24:06 PM MDT  
**To:** "Puckett, Catherine" <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>  
**Cc:** "Pressfield, Justin" <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>, Douglas Beard <[db Beard@usgs.gov](mailto:db Beard@usgs.gov)>, Claudia Regan <[cregan@usgs.gov](mailto:cregan@usgs.gov)>, Anne E Kinsinger <[akinsinger@usgs.gov](mailto:akinsinger@usgs.gov)>, Frank van Manen <[fvanmanen@usgs.gov](mailto:fvanmanen@usgs.gov)>, "Soileau, Suzanna" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>  
**Subject:** Re: High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)

FYI below.

The last two paragraphs have some inaccuracies since I didn't arrange anything - Glacier Park did - and Clint Muhlfeld and Tabitha Graves study the aquatic species and huckleberry responses to climate change.

[https://www.washingtonpost.com/news/powerpost/wp/2017/07/18/mark-zuckerberg-went-to-glacier-to-learn-about-climate-change-but-couldnt-meet-with-the-resident-climate-scientist/?utm\\_term=.2643ec98a06e](https://www.washingtonpost.com/news/powerpost/wp/2017/07/18/mark-zuckerberg-went-to-glacier-to-learn-about-climate-change-but-couldnt-meet-with-the-resident-climate-scientist/?utm_term=.2643ec98a06e)

On Tue, Jul 18, 2017 at 11:04 AM, Fagre, Daniel <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)> wrote:

Catherine,  
Lisa Rein from Washington Post will be calling you. I spoke to her and referred her to Heather but she wanted to talk to a USGS person. I indicated that I didn't know why my participation was canceled. Other than that, I gave her some information on Glacier Park (where Logan Pass is) and what my research entails.  
Good luck.  
Dan

On Tue, Jul 18, 2017 at 9:55 AM, Puckett, Catherine <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)> wrote:  
<http://thehill.com/policy/energy-environment/342501-interior-department-cancelled-climate-expert-meeting-with>

🐝 Catherine Puckett  
Deputy Public Affairs Officer  
USGS Office of Communications  
352-377-2469 (O) 352-278-0165 (cell)  
[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

--

\*\*\*\*\*

Daniel B. Fagre, Ph.D.  
USGS Northern Rocky Mountain Science Center  
215 Mather Drive  
Glacier National Park  
West Glacier, MT 59936  
Ph: 406-888-7922  
Email: [dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)

\*\*\*\*\*

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\*\*\*\*\*

Daniel B. Fagre, Ph.D.  
USGS Northern Rocky Mountain Science Center  
215 Mather Drive  
Glacier National Park  
West Glacier, MT 59936  
Ph: 406-888-7922  
Email: [dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)

\*\*\*\*\*



# Label: "FOIA/FB\_GNP\_00166"

**Created by:cregan@usgs.gov**

Total Starred Messages in label:20 (20 conversations)

Created: 08-15-2017 at 15:49 PM

# Conversation Contents

Media inquiries - climate change meeting

**"van Manen, Frank" <fvanmanen@usgs.gov>**

---

**From:** "van Manen, Frank" <fvanmanen@usgs.gov>  
**Sent:** Tue Jul 18 2017 14:44:21 GMT-0600 (MDT)  
**To:** GS-NOROCK All <gs-norock\_all@usgs.gov>  
**Subject:** Media inquiries - climate change meeting

All,

If you receive any inquiries regarding USGS role in the recent climate change meeting at Glacier NP, please make no comments and refer all media inquiries to DOI at:

Heather Swift

[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)

Thanks!

---

Frank T. van Manen, Interagency Grizzly Bear Study Team, U.S. Geological Survey, Phone 406-994-5043  
[www.usgs.gov/norock/igbst](http://www.usgs.gov/norock/igbst)

**Label: "FOIA/FB\_GNP\_00166"**

**Created by:cregan@usgs.gov**

Total Starred Messages in label:20 (20 conversations)

Created: 08-15-2017 at 15:49 PM

# Conversation Contents

Fwd: hi Dr Pederson from Lisa Rein at the Post

**"van Manen, Frank" <[fvanmanen@usgs.gov](mailto:fvanmanen@usgs.gov)>**

---

**From:** "van Manen, Frank" <[fvanmanen@usgs.gov](mailto:fvanmanen@usgs.gov)>  
**Sent:** Tue Jul 18 2017 14:28:36 GMT-0600 (MDT)  
**To:** Claudia Regan <[cregan@usgs.gov](mailto:cregan@usgs.gov)>  
**Subject:** Re: hi Dr Pederson from Lisa Rein at the Post

OK to mention the story and link, right?

---

Frank T. van Manen, Interagency Grizzly Bear Study Team, U.S. Geological Survey, Phone 406-994-5043  
[www.usgs.gov/norock/igbst](http://www.usgs.gov/norock/igbst)

On Tue, Jul 18, 2017 at 2:21 PM, Claudia Regan <[cregan@usgs.gov](mailto:cregan@usgs.gov)> wrote:

Maybe this warrants a new message to NOROCK asking that any inquiries be forwarded to heather swift?

I'm not surprised that other pi's are getting calls.

Sent from my iPhone

Begin forwarded message:

**From:** "Pederson, Gregory" <[gpederson@usgs.gov](mailto:gpederson@usgs.gov)>  
**Date:** July 18, 2017 at 1:45:18 PM MDT  
**To:** Suzanna Soileau <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>  
**Cc:** "[cemiller@usgs.gov](mailto:cemiller@usgs.gov)" <[cemiller@usgs.gov](mailto:cemiller@usgs.gov)>, Paul Laustsen <[plaustsen@usgs.gov](mailto:plaustsen@usgs.gov)>, Claudia Regan <[cregan@usgs.gov](mailto:cregan@usgs.gov)>, Justin Pressfield <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>, Catherine Puckett <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>  
**Subject:** Re: hi Dr Pederson from Lisa Rein at the Post

Thanks all. And will do.

-Greg

---

Gregory T. Pederson  
Research Scientist  
U.S. Geological Survey  
Northern Rocky Mtn. Sci. Center  
2327 University Way (Suite 2)  
Bozeman, MT 59715  
ph: +01-406-994-7390

email: [gpederson@usgs.gov](mailto:gpederson@usgs.gov)  
web: <https://www.usgs.gov/norock>

On Tue, Jul 18, 2017 at 1:36 PM, Suzanna Soileau <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

Greg - you can forward her directly to the following:

Heather Swift  
[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)

We have no comment on this.

Suzanna

Sent from my phone.

---

On: 18 July 2017 15:32, "Pederson, Gregory" <[gpederson@usgs.gov](mailto:gpederson@usgs.gov)> wrote:  
Hi all,

Please advise me on how to handle this. Call my office number in my signature line to discuss.

Suzanna is out of the office so I'm seeing media contact advice.

-Greg

---

Gregory T. Pederson  
Research Scientist  
U.S. Geological Survey  
Northern Rocky Mtn. Sci. Center  
2327 University Way (Suite 2)  
Bozeman, MT 59715  
ph: +01-406-994-7390  
email: [gpederson@usgs.gov](mailto:gpederson@usgs.gov)  
web: <https://www.usgs.gov/norock>

----- Forwarded message -----

From: **Rein, Lisa** <[Lisa.Rein@washpost.com](mailto:Lisa.Rein@washpost.com)>  
Date: Tue, Jul 18, 2017 at 12:21 PM  
Subject: hi Dr Pederson from Lisa Rein at the Post  
To: "[gpederson@usgs.gov](mailto:gpederson@usgs.gov)" <[gpederson@usgs.gov](mailto:gpederson@usgs.gov)>

Hi there, I left a voice mail at your office but am figuring you may not get it. I see that you've published with Dan Fagre and wonder if you could tell me something about his prominence as a climate expert at Glacier. Doing a piece on deadline about Mark Zuckerberg's visit to Glacier over the weekend and Dr Fagre's briefing being cancelled by DOI

Thanks much! Lisa

Lisa Rein

Staff Reporter

Washington Post

202-334-5190

Cell 202-821-3120

@Reinlwapo

[Send me a confidential tip](#)

**Label: "FOIA/FB\_GNP\_00166"**

**Created by:cregan@usgs.gov**

Total Starred Messages in label:20 (20 conversations)

Created: 08-15-2017 at 15:49 PM

# Conversation Contents

Out of Office Re: High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)

**"Regan, Claudia" <cregan@usgs.gov>**

---

**From:** "Regan, Claudia" <cregan@usgs.gov>  
**Sent:** Tue Jul 18 2017 09:56:34 GMT-0600 (MDT)  
**To:** cpuckett@usgs.gov  
**Subject:** Out of Office Re: High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)

I'm out of the office from 7/18 - 7/20. If you need immediate assistance, please contact me at my mobile number 406-404-9978 or contact Frank van Manen, Acting Center Director, at 406-994-5043.

--

---

**Claudia Regan**  
Center Director  
**Northern Rocky Mountain Science Center**  
US Geological Survey  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Email: [cregan@usgs.gov](mailto:cregan@usgs.gov)  
Office: 406-994-7972  
Mobile: 406-404-9978  
Visit our website at: <https://www.usgs.gov/norock>



**Label: "FOIA/FB\_GNP\_00166"**

**Created by:cregan@usgs.gov**

Total Starred Messages in label:20 (20 conversations)

Created: 08-15-2017 at 15:49 PM

# Conversation Contents

**MIC: Exclusive: Trump administration pulled top climate expert from Mark Zuckerberg's national park visit**

**Justin Pressfield <jpressfield@usgs.gov>**

---

**From:** Justin Pressfield <jpressfield@usgs.gov>  
**Sent:** Mon Jul 17 2017 18:24:39 GMT-0600 (MDT)  
**To:** Betsy Hildebrandt <bhildebrandt@usgs.gov>, Catherine E Puckett <cpuckett@usgs.gov>, Leslie Jones <ljones@usgs.gov>, AB Wade <abwade@usgs.gov>, Claudia Regan <cregan@usgs.gov>, Suzanna Soileau <ssoileau@usgs.gov>, Paul Laustsen <plaustsen@usgs.gov>, "Richard C. Ferrero" <rferrero@usgs.gov>, dan\_fagre@usgs.gov  
**Subject:** MIC: Exclusive: Trump administration pulled top climate expert from Mark Zuckerberg's national park visit

<https://m.mic.com/articles/182356/exclusive-trump-administration-pulled-top-climate-expert-from-mark-zuckerbergs-national-park-visit#.qMPFqbH2z>

Justin Pressfield  
US Department of the Interior  
US Geological Survey  
Chief of Communications, West  
Mobile: (916) 335-1211



**Label: "FOIA/FB\_GNP\_00166"**

**Created by:cregan@usgs.gov**

Total Starred Messages in label:20 (20 conversations)

Created: 08-15-2017 at 15:49 PM



# Conversation Contents

Fwd: Media inquiry to Facebook

**Suzanna Soileau <ssoileau@usgs.gov>**

---

**From:** Suzanna Soileau <ssoileau@usgs.gov>  
**Sent:** Mon Jul 17 2017 15:44:48 GMT-0600 (MDT)  
**To:** Justin Pressfield <jpressfield@usgs.gov>, Claudia Regan <cregan@usgs.gov>  
**CC:** Catherine Puckett <cpuckett@usgs.gov>  
**Subject:** Fwd: Media inquiry to Facebook

**Label: "FOIA/FB\_GNP\_00166"**

**Created by:cregan@usgs.gov**

Total Starred Messages in label:20 (20 conversations)

Created: 08-15-2017 at 15:49 PM

# Conversation Contents

Inquires

**Claudia Regan** <[cregan@usgs.gov](mailto:cregan@usgs.gov)>

---

**From:** Claudia Regan <[cregan@usgs.gov](mailto:cregan@usgs.gov)>  
**Sent:** Mon Jul 17 2017 12:46:33 GMT-0600 (MDT)  
**To:** [jodwyer@usgs.gov](mailto:jodwyer@usgs.gov), [casankey@usgs.gov](mailto:casankey@usgs.gov)  
**Subject:** Fwd: Inquires

Sent from my iPhone

Begin forwarded message:

**From:** "Soileau, Suzanna" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>  
**Date:** July 17, 2017 at 12:30:56 PM MDT  
**To:** Daniel Fagre <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>, "Regan, Claudia" <[cregan@usgs.gov](mailto:cregan@usgs.gov)>, Lauren Alley <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>  
**Cc:** Justin Pressfield <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>, "Puckett, Catherine" <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>  
**Subject:** Re: Inquires

All USGS inquiries should now to:

Heather Swift

[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)

On Mon, Jul 17, 2017 at 10:52 AM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:  
Please send all inquiries to:

Justin Pressfield, [jpressfield@usgs.gov](mailto:jpressfield@usgs.gov), 916-278-9500  
Catherine Puckett, [cpuckett@usgs.gov](mailto:cpuckett@usgs.gov), 352-377-2469

Suzanna

~~~~~

Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

~~~~~  
"Something hidden. Go and find it. Go and look behind the Ranges- Something lost behind the Ranges. Lost and waiting for you. Go!"

Rudyard Kipling, The Explorer

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--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

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"Something hidden. Go and find it. Go and look behind the Ranges- Something lost behind the Ranges. Lost and waiting for you. Go!"

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message:



# Label: "FOIA/FB\_GNP\_00166"

**Created by:cregan@usgs.gov**

Total Starred Messages in label:20 (20 conversations)

Created: 08-15-2017 at 15:49 PM

# Conversation Contents

Important - potential media inquiries today

**"Regan, Claudia" <cregan@usgs.gov>**

---

**From:** "Regan, Claudia" <cregan@usgs.gov>  
**Sent:** Mon Jul 17 2017 11:23:28 GMT-0600 (MDT)  
**To:** Richard Ferrero <rferrero@usgs.gov>  
**Subject:** Fwd: Important - potential media inquiries today

---

## Claudia Regan

Center Director

**Northern Rocky Mountain Science Center**

US Geological Survey

2327 University Way, Suite 2

Bozeman, MT 59715

Email: [cregan@usgs.gov](mailto:cregan@usgs.gov)

Office: 406-994-7972

Mobile: 406-404-9978

**Visit our website at:** <https://www.usgs.gov/norock>

----- Forwarded message -----

From: **Soileau, Suzanna** <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

Date: Mon, Jul 17, 2017 at 11:21 AM

Subject: Important - potential media inquiries today

To: GS-NOROCK PIs <[gs-norock\\_pis@usgs.gov](mailto:gs-norock_pis@usgs.gov)>

Cc: "Regan, Claudia" <[cregan@usgs.gov](mailto:cregan@usgs.gov)>, Judy O'Dwyer <[jodwyer@usgs.gov](mailto:jodwyer@usgs.gov)>, Justin Pressfield <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>, "Miller, Cheryl" <[cemiller@usgs.gov](mailto:cemiller@usgs.gov)>

All - If you happen to get any media inquiries from anyone regarding a recent visit from Facebook to Glacier National Park, please send those to: Justin Pressfield, [jpressfield@usgs.gov](mailto:jpressfield@usgs.gov), 916-278-9500, with a cc to Catherine Puckett, [cpuckett@usgs.gov](mailto:cpuckett@usgs.gov), 352-377-2469.

Thanks,

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>  
~~~~~

“Something hidden. Go and find it. Go and look behind the Ranges- Something lost behind the Ranges. Lost and waiting for you. Go!”

Rudyard Kipling, The Explorer

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Created: 08-15-2017 at 15:49 PM

# Conversation Contents

Fwd: Urgent inquiry for timely story

**"Soileau, Suzanna" <ssoileau@usgs.gov>**

---

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Mon Jul 17 2017 10:43:26 GMT-0600 (MDT)  
**To:** "Regan, Claudia" <cregan@usgs.gov>  
**Subject:** Fwd: Urgent inquiry for timely story

FYI

----- Forwarded message -----

**From:** Demas, Alex <[apdemas@usgs.gov](mailto:apdemas@usgs.gov)>  
**Date:** Mon, Jul 17, 2017 at 10:20 AM  
**Subject:** Fwd: Urgent inquiry for timely story  
**To:** Catherine E Puckett <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>, Suzanna Soileau <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

FYI

----- Forwarded message -----

**From:** Jake Horowitz <[jhorowitz@mic.com](mailto:jhorowitz@mic.com)>  
**Date:** Mon, Jul 17, 2017 at 12:15 PM  
**Subject:** Urgent inquiry for timely story  
**To:** [apdemas@usgs.gov](mailto:apdemas@usgs.gov)

Alex,

My name is Jake Horowitz, I'm the co-founder of Mic. I'm trying to get in touch because I'm working on an important story surrounding Mark Zuckerberg's trip to Glacier National Park. It's quite timely and I'd like to connect ASAP (also tried texting you).

Do you have a few mins? (914 527 2864)

Thank you  
Jake



Co-founder, Editor-at-large

**Jake Horowitz**

[@jacobdhorowitz](https://twitter.com/jacobdhorowitz) | 914-527-2864

Alex Demas  
U.S. Geological Survey  
Public Affairs Specialist  
Subjects: Energy & Mineral Resources and Environmental Health  
(O) 703-648-4421 (C) 571-335-6535 (F) 703-648-4466 (E) [apdemas@usgs.gov](mailto:apdemas@usgs.gov)

Connect with USGS: [Twitter](#), [Facebook](#), [YouTube](#), and [more!](#)  
\* [DOI](#) and [USGS](#) link policies apply.

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

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Created: 08-15-2017 at 15:49 PM

# Conversation Contents

## Inquiries

**"Regan, Claudia" <cregan@usgs.gov>**

---

**From:** "Regan, Claudia" <cregan@usgs.gov>  
**Sent:** Wed Jul 12 2017 10:36:17 GMT-0600 (MDT)  
**To:** Suzanna Soileau <ssoileau@usgs.gov>  
**CC:** Lauren Alley <lauren\_alley@nps.gov>, Daniel Fagre <dan\_fagre@usgs.gov>  
**Subject:** Re: Inquiries

Thanks, Suzanna.

Yes, we have no comment and all inquiries should be referred to AB.

---

### **Claudia Regan**

Center Director

**Northern Rocky Mountain Science Center**

US Geological Survey

2327 University Way, Suite 2

Bozeman, MT 59715

Email: [cregan@usgs.gov](mailto:cregan@usgs.gov)

Office: 406-994-7972

Mobile: 406-404-9978

**Visit our website at:** <https://www.usgs.gov/norock>

On Wed, Jul 12, 2017 at 10:24 AM, Suzanna Soileau <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

Hi Lauren - if you get inquiries about USGS and this weekend's event, please refer to AB Wade:

703-648-4460

[abwade@usgs.gov](mailto:abwade@usgs.gov)

Thanks,

Suzanna



**Label: "FOIA/FB\_GNP\_00166"**

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# Conversation Contents

Dan Fagre's participation

**"Regan, Claudia" <cregan@usgs.gov>**

---

**From:** "Regan, Claudia" <cregan@usgs.gov>  
**Sent:** Wed Jul 12 2017 08:32:57 GMT-0600 (MDT)  
**To:** Jeff Mow <jeff\_mow@nps.gov>  
**CC:** Lauren Alley <lauren\_alley@nps.gov>, "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Subject:** Dan Fagre's participation

Hi Jeff,

I know you folks have a lot on your plate but could you give me a call this morning? I'm not in the office, yet, so my mobile is the best bet before 10 am. 406-404-9978

thanks....Claudia

---

**Claudia Regan**

Center Director

**Northern Rocky Mountain Science Center**

US Geological Survey

2327 University Way, Suite 2

Bozeman, MT 59715

Email: [cregan@usgs.gov](mailto:cregan@usgs.gov)

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**Label: "FOIA/FB\_GNP\_00166"**

**Created by:cregan@usgs.gov**

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Created: 08-15-2017 at 15:50 PM

# Conversation Contents

please call me

**Claudia Regan <cregan@usgs.gov>**

---

**From:** Claudia Regan <cregan@usgs.gov>  
**Sent:** Wed Jul 12 2017 08:14:25 GMT-0600 (MDT)  
**To:** Suzanna Soileau <ssoileau@usgs.gov>  
**Subject:** Re: please call me

Ok thanks

AB contacted me yesterday and I spoke to her late in the day. Good to advise Dan to forward any calls to her.

Sent from my iPhone

On Jul 12, 2017, at 8:02 AM, Suzanna Soileau <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

Thanks Claudia. I did speak with Dan.

If he gets calls about this I told him to forward those to AB Wade.

Taking Willa to daycare and be back in 20 mins.

Suzanna

On: 12 July 2017 07:50, "Claudia Regan" <[cregan@usgs.gov](mailto:cregan@usgs.gov)> wrote:

Hi Suzanna. I'll give you a call this morning

Dan can not participate. I'll be contacting Jeff Mow or someone from GNP.

Thanks Claudia

Sent from my iPhone

On Jul 12, 2017, at 7:30 AM, Fagre, Daniel <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)> wrote:

Claudia and I talked yesterday evening and I will not be "available" to talk to Zuckerberg.  
Do you have any different information?

On Wed, Jul 12, 2017 at 7:27 AM, Suzanna Soileau  
<[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

Hi - on leave but sifting through email. Please call for updates on plans. Thanks!

Suzanna

---

On: 11 July 2017 17:27, "Regan, Claudia" <[cregan@usgs.gov](mailto:cregan@usgs.gov)> wrote:  
Hi Dan...I'm sure you are gone for the day. Please call me when you can. My mobile might be best. this evening is ok. or tomorrow.

change of plans for saturday.

---

**Claudia Regan**

Center Director

**Northern Rocky Mountain Science Center**

US Geological Survey

2327 University Way, Suite 2

Bozeman, MT 59715

Email: [cregan@usgs.gov](mailto:cregan@usgs.gov)

Office: 406-994-7972

Mobile: 406-404-9978

Visit our website at: <https://www.usgs.gov/norock>

--

\*\*\*\*\*

Daniel B. Fagre, Ph.D.

USGS Northern Rocky Mountain Science Center

215 Mather Drive

Glacier National Park

West Glacier, MT 59936

Ph: 406-888-7922

Email: [dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)

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Total Starred Messages in label:20 (20 conversations)

Created: 08-15-2017 at 15:50 PM

# Conversation Contents

**Highlight: USGS glacier scientist and center communicator to join Facebook CEO on tour of Glacier NP.**

**"Soileau, Suzanna" <ssoileau@usgs.gov>**

---

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Wed Jun 28 2017 13:39:16 GMT-0600 (MDT)  
**To:** Justin Pressfield <jpressfield@usgs.gov>, Ryan McClymont <rmcclymont@usgs.gov>  
**CC:** "Regan, Claudia" <cregan@usgs.gov>  
**Subject:** Highlight: USGS glacier scientist and center communicator to join Facebook CEO on tour of Glacier NP.

**Title: USGS glacier scientist and center communicator to join Facebook CEO on tour of Glacier NP.**

- **What:** USGS glacier scientist and center communicator to join Facebook CEO on short tour of Glacier NP.
- **Date Entered:** 6/28/17
- **Estimated Date:** 7/15/17
- **Where:** Glacier National Park
- **Background:** USGS glacier scientist Dan Fagre and center communicator Suzanna Soileau have been invited on the request of Facebook Communications Director Derick Mains to join CEO Mark Zuckerberg and park officials in Glacier National Park July 15 as he travels to Logan Pass to learn more about issues surrounding the natural resources of the park. Facebook learned of Fagre's work from a press release highlighting a data release on declining glacier margins in the park. Fagre will answer questions about USGS research on changing mountain ecosystems and glacier recession.
- **Partners/Stakeholders:** Glacier National Park
- **Hill Interest:**
- **High-Profile/Controversial:** Yes
- **Journal/Outlet:** NA
- **Publication Status:** NA
- **POC:** Suzanna Soileau, NOROCK, [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257



Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

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**Created by:cregan@usgs.gov**

Total Starred Messages in label:20 (20 conversations)

Created: 08-15-2017 at 15:50 PM

# Conversation Contents

Invitation: FB in Glacier NP Prep Call @ Thu Jun 29, 2017 10am - 11am (cregan@usgs.gov)

## Attachments:

/32. Invitation: FB in Glacier NP Prep Call @ Thu Jun 29, 2017 10am - 11am (cregan@usgs.gov)/1.1 invite.ics

/32. Invitation: FB in Glacier NP Prep Call @ Thu Jun 29, 2017 10am - 11am (cregan@usgs.gov)/1.2 invite.ics

## Suzanna Soileau <ssoileau@usgs.gov>

---

**From:** Suzanna Soileau <ssoileau@usgs.gov>  
**Sent:** Mon Jun 26 2017 08:42:52 GMT-0600 (MDT)  
**To:** cregan@usgs.gov, msteinkamp@usgs.gov, dwillard@usgs.gov, lball@usgs.gov, dan\_fagre@usgs.gov, ccharbonneau@usgs.gov, cpuckett@usgs.gov, rmcclymont@usgs.gov  
**Subject:** Invitation: FB in Glacier NP Prep Call @ Thu Jun 29, 2017 10am - 11am (cregan@usgs.gov)  
**Attachments:** invite.ics invite.ics

### FB in Glacier NP Prep Call

[more details »](#)

When Thu Jun 29, 2017 10am – 11am Mountain Time

Video call [https://plus.google.com/hangouts/\\_/doi.gov/ssoileau](https://plus.google.com/hangouts/_/doi.gov/ssoileau)

Calendar cregan@usgs.gov

Who

- ssoileau@usgs.gov - organizer
- msteinkamp@usgs.gov
- dwillard@usgs.gov
- cregan@usgs.gov
- lball@usgs.gov
- dan\_fagre@usgs.gov
- ccharbonneau@usgs.gov
- cpuckett@usgs.gov
- rmcclymont@usgs.gov

Going? [Yes](#) - [Maybe](#) - [No](#) [more options »](#)

Invitation from [Google Calendar](#)

You are receiving this email at the account cregan@usgs.gov because you are subscribed for invitations on calendar cregan@usgs.gov.

To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More.](#)

**Label: "FOIA/FB\_GNP\_00166"**

**Created by:cregan@usgs.gov**

Total Starred Messages in label:20 (20 conversations)

Created: 08-15-2017 at 15:50 PM

# Conversation Contents

Fwd: Facebook Visit to Glacier

**"Regan, Claudia" <cregan@usgs.gov>**

---

**From:** "Regan, Claudia" <cregan@usgs.gov>  
**Sent:** Fri Jun 23 2017 17:08:15 GMT-0600 (MDT)  
**To:** Richard Ferrero <rferrero@usgs.gov>, "van Heeswijk, Marijke" <heeswijk@usgs.gov>  
**Subject:** Fwd: Facebook Visit to Glacier

FYI...Just wanted you to be aware that Mark Zuckerberg is visiting GNP and Dan Fagre, a NOROCK scientist at GNP, has been invited by FB to participate. Suzanna was invited, too. The visit is on 7/15. We will be working to prep Dan in advance of the visit.

thanks...Claudia

---

**Claudia Regan**  
Center Director  
**Northern Rocky Mountain Science Center**  
US Geological Survey  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Email: [cregan@usgs.gov](mailto:cregan@usgs.gov)  
Office: 406-994-7972  
Mobile: 406-404-9978  
**Visit our website at:** <https://www.usgs.gov/norock>

----- Forwarded message -----

From: **Soileau, Suzanna** <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>  
Date: Thu, Jun 22, 2017 at 12:56 PM  
Subject: Fwd: Facebook Visit to Glacier  
To: Daniel Fagre <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>  
Cc: Paul Laustsen <[plaustsen@usgs.gov](mailto:plaustsen@usgs.gov)>, Ryan McClymont <[rmcclymont@usgs.gov](mailto:rmcclymont@usgs.gov)>, Scott Horvath <[shorvath@usgs.gov](mailto:shorvath@usgs.gov)>, Justin Pressfield <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>, "Regan, Claudia" <[cregan@usgs.gov](mailto:cregan@usgs.gov)>

Hi Dan -

Pretty exciting opportunity coming our way. Mark Zuckerberg, CEO of Facebook, is traveling to Glacier and they have asked if you could join them in the field on July 15.

This is an incredible opportunity and I hope that you can make time or have one of your staff be available. See details below and let me know.

Thanks!

----- Forwarded message -----

From: **Alley, Lauren** <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>  
Date: Thu, Jun 22, 2017 at 12:47 PM  
Subject: Re: Facebook Visit to Glacier  
To: [derickmains@fb.com](mailto:derickmains@fb.com)  
Cc: "Suzanna C. Soileau" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

Derick,

Thanks for getting in touch about this upcoming visit.

I'll be your point of contact for coordinating this trip.

Let's set up a time next week to talk through some of these details. I'm also including USGS Public Affairs Specialist Suzanna Soileau on this email as you asked about including Dan Fagre in the group.

My schedule is fairly open next Monday and Wednesday. Do you have a time that works on either of those days?

**Lauren Alley**  
Management Assistant  
Glacier National Park  
406.888.5838

----- Forwarded message -----

From: **Johnson, Kyle** <[kyle\\_johnson@nps.gov](mailto:kyle_johnson@nps.gov)>  
Date: Wed, Jun 21, 2017 at 2:49 PM  
Subject: Fwd: Facebook Visit to Glacier  
To: "Alley, Lauren" <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>, "Austin, Paul" <[paul\\_austin@nps.gov](mailto:paul_austin@nps.gov)>

Lauren,

Conferenced with Derick yesterday and this is what he sent me today. Please contact him and let him know you will be the point of contact for the visit.

Thanks for your help.

----- Forwarded message -----

From: **Derick Mains** <[derickmains@fb.com](mailto:derickmains@fb.com)>  
Date: Wed, Jun 21, 2017 at 12:20 PM  
Subject: Facebook Visit to Glacier  
To: "Johnson, Kyle" <[kyle\\_johnson@nps.gov](mailto:kyle_johnson@nps.gov)>  
Cc: Derick Mains <[derickmains@fb.com](mailto:derickmains@fb.com)>

Hi Kyle,



Thanks for the time over the phone yesterday. It was good to catch up.

As I mentioned, as part of a personal challenge for 2017, Mark is spending the year traveling across the country visiting approximately the 30 states he's never been to. In doing so he has several different goals; to get out of his bubble here at Facebook and in Northern California, to visit communities and meet people he wouldn't otherwise wouldn't and most importantly learn. [Here](#) is a story the NY Times did on his travels.

We try to develop themes for the areas and people he meets with. So far, we haven't really done anything around natural resources and people who work to manage public lands. Earlier in the trip he'll be visiting a North Dakota community involved in oil production and thought that a visit to Glacier, where the effects of global warming have been widely documented, would be a good balance.

Mark would like to meet with people involved with the stewardship of the Park. This could include Superintendent Mow, park rangers, park volunteers, someone from the Glacier Institute and someone involved in the study of climate change on the park (someone from the USGS and/or Portland State who worked on [this](#) study). If you are free, I'd like you to attend to be able talk to Mark about your 30 years in the park and your role as a backcountry ranger.

We'd also like to do this meeting a little differently. Rather than at Park HQ in a conference room we'd like to do it in a Jammer heading up the Pass. Thought is to take the meeting outside and talk about the Park in the Park. It would be great to drive up to the Pass, get out and walk the boardwalk to the Hidden Lake overlook. This would give mark the opportunity to informally interact with some of the visitors along with giving us some great photos. Let me know if you have a contact at Xanterra I could talk to about renting a Jammer for the day.

### ***Ideal schedule***

Saturday July 15 (*these times might get pushed back an hour or two*)

**Noon:** Mark arrives Park HQ, greeted by Superintendent Mow

**12:15** Group (people mentioned above) pile into a Jammer and head up the Going to the Sun Road

**12-15 – 1:15:** Drive the GTS to Logan Pass (discussion/meeting along the way)

**1:15 – 2:00:** Hike to Hidden Lake Overlook

**2:15 – 3:15:** Drive to West Glacier (in Facebook vehicle en route to another visit)

### ***Possible attendees***

Superintendent Mow

Chief Ranger Paul Austin

Ranger Kyle Johnson

3-4 Park volunteers (your call here, would be great to have some of the retired folks you mentioned)

Glacier Institute Executive Director Joyce Baltz (or someone else)

USGS Research Ecologist Daniel B Fagre

*\* Happy to have your PIO or social media lead join to document the visit*

Also, it would be great if you could be the liaison with our security team as you've coordinated these types of visits to Glacier.

Let me know what you think of this.

Derick

--

Kyle Johnson  
US Park Ranger  
Wilderness Specialist  
(406) 888-7838  
[Kyle\\_Johnson@nps.gov](mailto:Kyle_Johnson@nps.gov)

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

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Rudyard Kipling, The Explorer

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Regan, Claudia <cregan@usgs.gov>

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## Chat with Soileau, Suzanna

July 14, 2017

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**Regan, Claudia** - 8:19 AM

i'll create my own distraction by asking if you have talked with Lauren. wondering about the FB response to change in agenda. really hope they don't think USGS is just flaky with scheduling.

**Soileau, Suzanna** - 8:21 AM

Good call - I will follow up with her today and let you know.

I just spoke with Catherine who has been out since Tuesday. Filled her in - she will be acting for AB for the next two weeks and will likely respond to any inquiries we get.

**Regan, Claudia** - 8:29 AM

ok...thanks for the update

**Soileau, Suzanna** - 11:18 AM

official USGS statement re FB:

The decision was made by the Interior Department for USGS to not participate.

Questions should be directed to the Interior press office at (give them the email)

That is what Catherine will send out as needed. We can still refer any of our own inquiries to her.

**Regan, Claudia** - 12:15 PM

thanks....

**From:** [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)  
**To:** [msteinkamp@usgs.gov](mailto:msteinkamp@usgs.gov); [dwillard@usgs.gov](mailto:dwillard@usgs.gov); [cregan@usgs.gov](mailto:cregan@usgs.gov); [lball@usgs.gov](mailto:lball@usgs.gov); [dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov); [ccharbonneau@usgs.gov](mailto:ccharbonneau@usgs.gov); [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov); [cpuckett@usgs.gov](mailto:cpuckett@usgs.gov); [rmclymont@usgs.gov](mailto:rmclymont@usgs.gov)  
**Subject:** FB in Glacier NP Prep Call  
**Start:** Thursday, June 29, 2017 12:00:00 PM  
**End:** Thursday, June 29, 2017 1:00:00 PM

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This event has a Google Hangouts video call.

Join: [https://plus.google.com/hangouts/\\_/doi.gov/ssoileau?hceid=c3NvaWxlYXVAdXNncy5nb3Y.mldbs89v8bo9hguse8f4u1kcc4&hs=121](https://plus.google.com/hangouts/_/doi.gov/ssoileau?hceid=c3NvaWxlYXVAdXNncy5nb3Y.mldbs89v8bo9hguse8f4u1kcc4&hs=121)

View your event at <https://www.google.com/calendar/event?>

action=VIEW&eid=bWskYnM4OXy4Ym85aGdlc2U4cjRlMwYjYzQgY3JlZ2FuQHVzZ3MuZ292&tok=MTcjc3NvaWxlYXVAdXNncy5nb3ZmNDFMzFkZjg5NjJ2ZWMyM2YxZTQ1YmViMGNKYTMyT3Yt4ZGVmMzI4&ctz=America/Denver&hl=en.

**From:** [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)  
**To:** [msteinkamp@usgs.gov](mailto:msteinkamp@usgs.gov); [dwillard@usgs.gov](mailto:dwillard@usgs.gov); [cregan@usgs.gov](mailto:cregan@usgs.gov); [lball@usgs.gov](mailto:lball@usgs.gov); [dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov); [ccharbonneau@usgs.gov](mailto:ccharbonneau@usgs.gov); [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov); [cpuckett@usgs.gov](mailto:cpuckett@usgs.gov); [rmclymont@usgs.gov](mailto:rmclymont@usgs.gov)  
**Subject:** FB in Glacier NP Prep Call  
**Start:** Thursday, June 29, 2017 12:00:00 PM  
**End:** Thursday, June 29, 2017 1:00:00 PM

---

This event has a Google Hangouts video call.

Join: [https://plus.google.com/hangouts/\\_/doi.gov/ssoileau?hceid=c3NvaWx1YXVAdXNncy5nb3Y.mldbs89v8bo9hguse84u1kcc4&hs=121](https://plus.google.com/hangouts/_/doi.gov/ssoileau?hceid=c3NvaWx1YXVAdXNncy5nb3Y.mldbs89v8bo9hguse84u1kcc4&hs=121)

View your event at <https://www.google.com/calendar/event?>

action=VIEW&eid=bWakYnM4OXy4Ym85aGdlc2U4cjRlMWijYzQgY3JlZ2FuQHVzZ3MuZ292&tok=MTcjc3NvaWx1YXVAdXNncy5nb3ZmNDFMzFkZjg5NjZlZWMyM2YxZTQ1YmViMGnkYTM3YTc4ZGVmMzI4&ctz=America/Denver&hl=en.

**Label: "2017 Facebook/FOIA  
00166/Soileau\_FOIA 2017-00166"**

**Created by:ssoileau@usgs.gov**

Total Messages in label:99 (23 conversations)

Created: 08-16-2017 at 08:57 AM

# Conversation Contents

## Media inquiries - climate change meeting

**"van Manen, Frank" <fvanmanen@usgs.gov>**

---

**From:** "van Manen, Frank" <fvanmanen@usgs.gov>  
**Sent:** Tue Jul 18 2017 14:44:21 GMT-0600 (MDT)  
**To:** GS-NOROCK All <gs-norock\_all@usgs.gov>  
**Subject:** Media inquiries - climate change meeting

All,

If you receive any inquiries regarding USGS role in the recent climate change meeting at Glacier NP, please make no comments and refer all media inquiries to DOI at:

Heather Swift

[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)

Thanks!

---

Frank T. van Manen, Interagency Grizzly Bear Study Team, U.S. Geological Survey, Phone 406-994-5043  
[www.usgs.gov/norock/igbst](http://www.usgs.gov/norock/igbst)

**Suzanna Soileau <ssoileau@usgs.gov>**

---

**From:** Suzanna Soileau <ssoileau@usgs.gov>  
**Sent:** Tue Jul 18 2017 14:49:30 GMT-0600 (MDT)  
**To:** "van Manen, Frank" <fvanmanen@usgs.gov>  
**Subject:** Re: Media inquiries - climate change meeting

**Label: "2017 Facebook/FOIA  
00166/Soileau\_FOIA 2017-00166"**

**Created by:ssoileau@usgs.gov**

Total Messages in label:99 (23 conversations)

Created: 08-16-2017 at 08:57 AM

# Conversation Contents

Fwd: New York Daily News: Cancelled meeting with Zuckerberg

**Suzanna Soileau <ssoileau@usgs.gov>**

---

**From:** Suzanna Soileau <ssoileau@usgs.gov>  
**Sent:** Thu Jul 20 2017 06:45:29 GMT-0600 (MDT)  
**To:** Justin Pressfield <jpressfield@usgs.gov>, Claudia Regan <cregan@usgs.gov>, Catherine Puckett <cpuckett@usgs.gov>, Paul Laustsen <plaustsen@usgs.gov>  
**Subject:** Fwd: New York Daily News: Cancelled meeting with Zuckerberg



**Label: "2017 Facebook/FOIA  
00166/Soileau\_FOIA 2017-00166"**

**Created by:ssoileau@usgs.gov**

Total Messages in label:99 (23 conversations)

Created: 08-16-2017 at 08:58 AM

# Conversation Contents

Re: New York Daily News: Cancelled meeting with Zuckerberg

"Fagre, Daniel" <dan\_fagre@usgs.gov>

---

**From:** "Fagre, Daniel" <dan\_fagre@usgs.gov>  
**Sent:** Wed Jul 19 2017 09:52:44 GMT-0600 (MDT)  
**To:** "Hensley, Nicole" <nhensley@nydailynews.com>, "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Subject:** Re: New York Daily News: Cancelled meeting with Zuckerberg

Hi Nicole,

No, there was no paper trail that I am aware of and there really aren't any more details than was reported in the WaPo article. I will be heading into the backcountry for the next week and likely will have limited email access.

Adios for now.

Dan

On Tue, Jul 18, 2017 at 7:08 PM, Hensley, Nicole <[nhensley@nydailynews.com](mailto:nhensley@nydailynews.com)> wrote:

Good evening, Daniel.

I'm a reporter with the New York Daily News. I read the Washington Post's story on the Interior canceling a scheduled meeting between you and Facebook's Mark Zuckerberg. I was curious if there was ever a paper trail reflecting the meeting being scheduled, with details of where you were supposed to meet and what activities the meeting would have involved.

Additionally, are there particular statistics on from your publications you would have shared with him?

I can be reached here and at **212-210-1519**. Thank you.

**NICOLE HENSLEY**

**REPORTER | NEW YORK DAILY NEWS | @NKHENSLEY**

DESK: 212-210-1519

CELL: 206-963-5496

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\*\*\*\*\* (NJ)

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\*\*\*\*\*

Daniel B. Fagre, Ph.D.  
USGS Northern Rocky Mountain Science Center  
215 Mather Drive  
Glacier National Park  
West Glacier, MT 59936  
Ph: 406-888-7922  
Email: [dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)

\*\*\*\*\*

**Label: "2017 Facebook/FOIA  
00166/Soileau\_FOIA 2017-00166"**

**Created by:ssoileau@usgs.gov**

Total Messages in label:99 (23 conversations)

Created: 08-16-2017 at 08:58 AM

## Conversation Contents

Fwd: High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)

### "Puckett, Catherine" <cpuckett@usgs.gov>

---

**From:** "Puckett, Catherine" <cpuckett@usgs.gov>  
**Sent:** Tue Jul 18 2017 09:56:23 GMT-0600 (MDT)  
**To:** Suzanna Soileau <ssoileau@usgs.gov>  
**Subject:** Fwd: High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)

can't believe i left you off

---

 Catherine Puckett  
Deputy Public Affairs Officer  
USGS Office of Communications  
352-377-2469 (O) 352-278-0165 (cell)  
[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

----- Forwarded message -----

**From:** Puckett, Catherine <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>  
**Date:** Tue, Jul 18, 2017 at 11:55 AM  
**Subject:** High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)  
**To:** Betsy Hildebrandt <[betsy\\_hildebrandt@fws.gov](mailto:betsy_hildebrandt@fws.gov)>, "Pressfield, Justin" <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>, Daniel Fagre <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>, Douglas Beard <[dbeard@usgs.gov](mailto:dbeard@usgs.gov)>, Claudia Regan <[cregan@usgs.gov](mailto:cregan@usgs.gov)>, Anne E Kinsinger <[akinsinger@usgs.gov](mailto:akinsinger@usgs.gov)>

<http://thehill.com/policy/energy-environment/342501-interior-department-cancelled-climate-expert-meeting-with>

---

 Catherine Puckett  
Deputy Public Affairs Officer  
USGS Office of Communications  
352-377-2469 (O) 352-278-0165 (cell)  
[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

### "Regan, Claudia" <cregan@usgs.gov>

---

**From:** "Regan, Claudia" <cregan@usgs.gov>

**Sent:** Tue Jul 18 2017 09:59:44 GMT-0600 (MDT)  
**To:** "Soileau, Suzanna" <ssoileau@usgs.gov>, "Judy O'Dwyer" <jodwyer@usgs.gov>  
**Subject:** Fwd: High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)

---

**Claudia Regan**  
Center Director  
**Northern Rocky Mountain Science Center**  
US Geological Survey  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Email: [cregan@usgs.gov](mailto:cregan@usgs.gov)  
Office: 406-994-7972  
Mobile: 406-404-9978  
**Visit our website at:** <https://www.usgs.gov/norock>

----- Forwarded message -----

**From:** Puckett, Catherine <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>  
**Date:** Tue, Jul 18, 2017 at 9:55 AM  
**Subject:** High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)  
**To:** Betsy Hildebrandt <[betsy\\_hildebrandt@fws.gov](mailto:betsy_hildebrandt@fws.gov)>, "Pressfield, Justin" <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>, Daniel Fagre <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>, Douglas Beard <[dbeard@usgs.gov](mailto:dbeard@usgs.gov)>, Claudia Regan <[cregan@usgs.gov](mailto:cregan@usgs.gov)>, Anne E Kinsinger <[akinsinger@usgs.gov](mailto:akinsinger@usgs.gov)>

<http://thehill.com/policy/energy-environment/342501-interior-department-cancelled-climate-expert-meeting-with>

---

 Catherine Puckett  
Deputy Public Affairs Officer  
USGS Office of Communications  
352-377-2469 (O) 352-278-0165 (cell)  
[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

---

**"Regan, Claudia" <[cregan@usgs.gov](mailto:cregan@usgs.gov)>**

**From:** "Regan, Claudia" <[cregan@usgs.gov](mailto:cregan@usgs.gov)>  
**Sent:** Tue Jul 18 2017 10:03:41 GMT-0600 (MDT)  
**To:** Frank van Manen <[fvanmanen@usgs.gov](mailto:fvanmanen@usgs.gov)>  
**CC:** Christy Sankey <[casankey@usgs.gov](mailto:casankey@usgs.gov)>, "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Subject:** Fwd: High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)

Hi Frank,

Since you are acting CD, you might get calls. I'll monitor my voice mail as closely as possible. This story ran here and also on Mic last night.

Please make no comments and refer all media inquiries to DOI at:

Heather Swift

[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)

Thanks...Claudia

---

**Claudia Regan**

Center Director

**Northern Rocky Mountain Science Center**

US Geological Survey

2327 University Way, Suite 2

Bozeman, MT 59715

Email: [cregan@usgs.gov](mailto:cregan@usgs.gov)

Office: 406-994-7972

Mobile: 406-404-9978

Visit our website at: <https://www.usgs.gov/norock>

----- Forwarded message -----

From: **Puckett, Catherine** <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

Date: Tue, Jul 18, 2017 at 9:55 AM

Subject: High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)

To: Betsy Hildebrandt <[betsy\\_hildebrandt@fws.gov](mailto:betsy_hildebrandt@fws.gov)>, "Pressfield, Justin" <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>, Daniel Fagre <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>, Douglas Beard <[dbeard@usgs.gov](mailto:dbeard@usgs.gov)>, Claudia Regan <[cregan@usgs.gov](mailto:cregan@usgs.gov)>, Anne E Kinsinger <[akinsinger@usgs.gov](mailto:akinsinger@usgs.gov)>

<http://thehill.com/policy/energy-environment/342501-interior-department-cancelled-climate-expert-meeting-with>

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Deputy Public Affairs Officer  
USGS Office of Communications  
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[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

---

**Suzanna Soileau** <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

**From:** Suzanna Soileau <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>  
**Sent:** Tue Jul 18 2017 10:05:38 GMT-0600 (MDT)  
**To:** "Regan, Claudia" <[cregan@usgs.gov](mailto:cregan@usgs.gov)>

**Subject:**

Re: High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)



**Label: "2017 Facebook/FOIA  
00166/Soileau\_FOIA 2017-00166"**

**Created by:ssoileau@usgs.gov**

Total Messages in label:99 (23 conversations)

Created: 08-16-2017 at 08:58 AM

# Conversation Contents

Fwd: hi Dr Pederson from Lisa Rein at the Post

**"Pederson, Gregory" <gpederson@usgs.gov>**

---

**From:** "Pederson, Gregory" <gpederson@usgs.gov>  
**Sent:** Tue Jul 18 2017 13:29:17 GMT-0600 (MDT)  
**To:** Suzanna Carrithers <ssoileau@usgs.gov>  
**Subject:** Fwd: hi Dr Pederson from Lisa Rein at the Post

Talk to me. Call my office number.

-Greg

---

Gregory T. Pederson  
Research Scientist  
U.S. Geological Survey  
Northern Rocky Mtn. Sci. Center  
2327 University Way (Suite 2)  
Bozeman, MT 59715  
ph: +01-406-994-7390  
email: [gpederson@usgs.gov](mailto:gpederson@usgs.gov)  
web: <https://www.usgs.gov/norock>

----- Forwarded message -----

**From:** Rein, Lisa <[Lisa.Rein@washpost.com](mailto:Lisa.Rein@washpost.com)>  
**Date:** Tue, Jul 18, 2017 at 12:21 PM  
**Subject:** hi Dr Pederson from Lisa Rein at the Post  
**To:** "[gpederson@usgs.gov](mailto:gpederson@usgs.gov)" <[gpederson@usgs.gov](mailto:gpederson@usgs.gov)>

Hi there, I left a voice mail at your office but am figuring you may not get it. I see that you've published with Dan Fagre and wonder if you could tell me something about his prominence as a climate expert at Glacier. Doing a piece on deadline about Mark Zuckerberg's visit to Glacier over the weekend and Dr Fagre's briefing being cancelled by DOI

Thanks much! Lisa

Lisa Rein

Staff Reporter

Washington Post

202-334-5190

Cell 202-821-3120

@Reinlwapo

[Send me a confidential tip](#)

**"Pederson, Gregory" <gpederson@usgs.gov>**

---

**From:** "Pederson, Gregory" <gpederson@usgs.gov>  
**Sent:** Tue Jul 18 2017 13:32:54 GMT-0600 (MDT)  
**To:** cemiller@usgs.gov, Paul Laustsen <plaustsen@usgs.gov>, Claudia Regan <cregan@usgs.gov>  
**CC:** Suzanna Carrithers <ssoileau@usgs.gov>  
**Subject:** Fwd: hi Dr Pederson from Lisa Rein at the Post

Hi all,

Please advise me on how to handle this. Call my office number in my signature line to discuss.

Suzanna is out of the office so I'm seeing media contact advice.

-Greg

---

Gregory T. Pederson  
Research Scientist  
U.S. Geological Survey  
Northern Rocky Mtn. Sci. Center  
2327 University Way (Suite 2)  
Bozeman, MT 59715  
ph: +01-406-994-7390  
email: [gpederson@usgs.gov](mailto:gpederson@usgs.gov)  
web: <https://www.usgs.gov/norock>

----- Forwarded message -----

**From:** Rein, Lisa <[Lisa.Rein@washpost.com](mailto:Lisa.Rein@washpost.com)>  
**Date:** Tue, Jul 18, 2017 at 12:21 PM  
**Subject:** hi Dr Pederson from Lisa Rein at the Post  
**To:** "[gpederson@usgs.gov](mailto:gpederson@usgs.gov)" <[gpederson@usgs.gov](mailto:gpederson@usgs.gov)>

Hi there, I left a voice mail at your office but am figuring you may not get it. I see that you've published with Dan Fagre and wonder if you could tell me something about his prominence as a climate expert at Glacier. Doing a piece on deadline about Mark Zuckerberg's visit to Glacier over the weekend and Dr Fagre's briefing being cancelled by DOI

Thanks much! Lisa

Lisa Rein

Staff Reporter

Washington Post

202-334-5190

Cell 202-821-3120

@Reinlwapo

[Send me a confidential tip](#)

## **Suzanna Soileau <ssoileau@usgs.gov>**

---

**From:** Suzanna Soileau <ssoileau@usgs.gov>  
**Sent:** Tue Jul 18 2017 13:36:13 GMT-0600 (MDT)  
**To:** "cemiller@usgs.gov" <cemiller@usgs.gov>, Paul Laustsen <plaustsen@usgs.gov>, Claudia Regan <cregan@usgs.gov>, "Pederson, Gregory" <gpederson@usgs.gov>, Justin Pressfield <jpressfield@usgs.gov>, Catherine Puckett <cpuckett@usgs.gov>  
**Subject:** Re: hi Dr Pederson from Lisa Rein at the Post

**Label: "2017 Facebook/FOIA  
00166/Soileau\_FOIA 2017-00166"**

**Created by:ssoileau@usgs.gov**

Total Messages in label:99 (23 conversations)

Created: 08-16-2017 at 08:58 AM

# Conversation Contents

## Inquires

### "Soileau, Suzanna" <ssoileau@usgs.gov>

---

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Mon Jul 17 2017 10:52:53 GMT-0600 (MDT)  
**To:** Daniel Fagre <dan\_fagre@usgs.gov>, "Regan, Claudia" <cregan@usgs.gov>  
**CC:** Justin Pressfield <jpressfield@usgs.gov>, "Puckett, Catherine" <cpuckett@usgs.gov>  
**Subject:** Inquires

Please send all inquiries to:

Justin Pressfield, [jpressfield@usgs.gov](mailto:jpressfield@usgs.gov), 916-278-9500  
Catherine Puckett, [cpuckett@usgs.gov](mailto:cpuckett@usgs.gov), 352-377-2469

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

~~~~~  
"Something hidden. Go and find it. Go and look behind the Ranges- Something lost behind the Ranges. Lost and waiting for you. Go!"

Rudyard Kipling, The Explorer

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## "Soileau, Suzanna" <ssoileau@usgs.gov>

---

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Mon Jul 17 2017 12:30:56 GMT-0600 (MDT)  
**To:** Daniel Fagre <dan\_fagre@usgs.gov>, "Regan, Claudia" <cregan@usgs.gov>, Lauren Alley <lauren\_alley@nps.gov>  
**CC:** Justin Pressfield <jpressfield@usgs.gov>, "Puckett, Catherine" <cpuckett@usgs.gov>  
**Subject:** Re: Inquires

All USGS inquiries should now to:

Heather Swift

[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)

On Mon, Jul 17, 2017 at 10:52 AM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

Please send all inquiries to:

Justin Pressfield, [jpressfield@usgs.gov](mailto:jpressfield@usgs.gov), 916-278-9500  
Catherine Puckett, [cpuckett@usgs.gov](mailto:cpuckett@usgs.gov), 352-377-2469

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

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--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

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**Daniel Fagre <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>**

---

**From:** Daniel Fagre <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>  
**Sent:** Mon Jul 17 2017 14:33:11 GMT-0600 (MDT)  
**To:** "Soileau, Suzanna" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>  
**Subject:** Re: Inquires

Sent one reporter to Heather

Sent from my iPhone

On Jul 17, 2017, at 12:31 PM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

All USGS inquiries should now to:

Heather Swift



[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)

On Mon, Jul 17, 2017 at 10:52 AM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:  
Please send all inquiries to:

Justin Pressfield, [jpressfield@usgs.gov](mailto:jpressfield@usgs.gov), 916-278-9500  
Catherine Puckett, [cpuckett@usgs.gov](mailto:cpuckett@usgs.gov), 352-377-2469

Suzanna

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Outreach Physical Scientist  
USGS-NOROCK  
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Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

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Rudyard Kipling, The Explorer

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--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715

Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

~~~~~  
"Something hidden. Go and find it. Go and look behind the Ranges- Something lost behind the Ranges.  
Lost and waiting for you. Go!"

Rudyard Kipling, The Explorer

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---

**"Soileau, Suzanna" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>**

**From:** "Soileau, Suzanna" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>  
**Sent:** Mon Jul 17 2017 14:33:38 GMT-0600 (MDT)  
**To:** Daniel Fagre <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>  
**Subject:** Re: Inquires

Who was it?

On Mon, Jul 17, 2017 at 2:33 PM, Daniel Fagre <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)> wrote:  
Sent one reporter to Heather

Sent from my iPhone

On Jul 17, 2017, at 12:31 PM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

All USGS inquiries should now to:

Heather Swift

[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)

On Mon, Jul 17, 2017 at 10:52 AM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

Please send all inquiries to:

Justin Pressfield, [jpressfield@usgs.gov](mailto:jpressfield@usgs.gov), 916-278-9500  
Catherine Puckett, [cpuckett@usgs.gov](mailto:cpuckett@usgs.gov), 352-377-2469

Suzanna

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Suzanna C. Soileau  
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USGS-NOROCK  
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Bozeman, MT 59715  
Phone: 406-994-7257  
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Suzanna

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**Daniel Fagre <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>**

---

**From:** Daniel Fagre <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>  
**Sent:** Mon Jul 17 2017 15:13:05 GMT-0600 (MDT)  
**To:** "Soileau, Suzanna" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>  
**Subject:** Re: Inquires

Jake Horowitz from MIC

Sent from my iPhone

On Jul 17, 2017, at 2:34 PM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

Who was it?

On Mon, Jul 17, 2017 at 2:33 PM, Daniel Fagre <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)> wrote:  
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Sent from my iPhone

On Jul 17, 2017, at 12:31 PM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

All USGS inquiries should now to:

Heather Swift

[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)

On Mon, Jul 17, 2017 at 10:52 AM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

Please send all inquiries to:

Justin Pressfield, [jpressfield@usgs.gov](mailto:jpressfield@usgs.gov), 916-278-9500  
Catherine Puckett, [cpuckett@usgs.gov](mailto:cpuckett@usgs.gov), 352-377-2469

Suzanna

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USGS-NOROCK  
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Bozeman, MT 59715  
Phone: 406-994-7257  
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Lost and waiting for you. Go!"

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**Suzanna Soileau <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>**

---

**From:** Suzanna Soileau <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>  
**Sent:** Mon Jul 17 2017 15:29:50 GMT-0600 (MDT)  
**To:** Daniel Fagre <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>  
**Subject:** Re: Inquires

**Label: "2017 Facebook/FOIA  
00166/Soileau\_FOIA 2017-00166"**

**Created by:ssoileau@usgs.gov**

Total Messages in label:99 (23 conversations)

Created: 08-16-2017 at 08:58 AM



**Label: "2017 Facebook/FOIA  
00166/Soileau\_FOIA 2017-00166"**

**Created by:ssoileau@usgs.gov**

Total Messages in label:99 (23 conversations)

Created: 08-16-2017 at 08:58 AM

# Conversation Contents

**Fwd: Exclusive: Trump administration pulled top climate expert from Mark Zuckerberg's national park visit**

**Lauren Alley <lauren\_alley@nps.gov>**

---

**From:** Lauren Alley <lauren\_alley@nps.gov>  
**Sent:** Mon Jul 17 2017 18:48:37 GMT-0600 (MDT)  
**To:** Jeff Mow <jeff\_mow@nps.gov>, Eric Smith <eric\_smith@nps.gov>, "Suzanna C. Soileau" <ssoileau@usgs.gov>, Vanessa Lacayo <vanessa\_lacayo@nps.gov>  
**Subject:** Fwd: Exclusive: Trump administration pulled top climate expert from Mark Zuckerberg's national park visit

Sent from my iPhone

Begin forwarded message:

**From:** Jeremy Barnum <[jeremy\\_barnum@nps.gov](mailto:jeremy_barnum@nps.gov)>  
**Date:** July 17, 2017 at 6:31:50 PM MDT  
**To:** Tom Crosson <[thomas\\_crosson@nps.gov](mailto:thomas_crosson@nps.gov)>, [lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov), [patrick\\_o'driscoll@nps.gov](mailto:patrick_o'driscoll@nps.gov)  
**Subject: Exclusive: Trump administration pulled top climate expert from Mark Zuckerberg's national park visit**

FYI below. Includes DOI statement.

<https://m.mic.com/articles/182356/exclusive-trump-administration-pulled-top-climate-expert-from-mark-zuckerbergs-national-park-visit#.vCdxUOguU>

Sent from my iPhone



# Conversation Contents

**Fwd: Exclusive: Trump administration pulled top climate expert from Mark Zuckerberg's national park visit**

**Lauren Alley <lauren\_alley@nps.gov>**

---

**From:** Lauren Alley <lauren\_alley@nps.gov>  
**Sent:** Mon Jul 17 2017 18:48:37 GMT-0600 (MDT)  
**To:** Jeff Mow <jeff\_mow@nps.gov>, Eric Smith <eric\_smith@nps.gov>, "Suzanna C. Soileau" <ssoileau@usgs.gov>, Vanessa Lacayo <vanessa\_lacayo@nps.gov>  
**Subject:** Fwd: Exclusive: Trump administration pulled top climate expert from Mark Zuckerberg's national park visit

Sent from my iPhone

Begin forwarded message:

**From:** Jeremy Barnum <[jeremy\\_barnum@nps.gov](mailto:jeremy_barnum@nps.gov)>  
**Date:** July 17, 2017 at 6:31:50 PM MDT  
**To:** Tom Crosson <[thomas\\_crosson@nps.gov](mailto:thomas_crosson@nps.gov)>, [lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov), [patrick\\_o'driscoll@nps.gov](mailto:patrick_o'driscoll@nps.gov)  
**Subject:** **Exclusive: Trump administration pulled top climate expert from Mark Zuckerberg's national park visit**

FYI below. Includes DOI statement.

<https://m.mic.com/articles/182356/exclusive-trump-administration-pulled-top-climate-expert-from-mark-zuckerbergs-national-park-visit#.vCdxUOguU>

Sent from my iPhone



**Label: "2017 Facebook/FOIA  
00166/Soileau\_FOIA 2017-00166"**

**Created by:ssoileau@usgs.gov**

Total Messages in label:99 (23 conversations)

Created: 08-16-2017 at 08:59 AM

# Conversation Contents

**MIC: Exclusive: Trump administration pulled top climate expert from Mark Zuckerberg's national park visit**

**Justin Pressfield <jpressfield@usgs.gov>**

---

**From:** Justin Pressfield <jpressfield@usgs.gov>  
**Sent:** Mon Jul 17 2017 18:24:39 GMT-0600 (MDT)  
**To:** Betsy Hildebrandt <bhildebrandt@usgs.gov>, Catherine E Puckett <cpuckett@usgs.gov>, Leslie Jones <ljones@usgs.gov>, AB Wade <abwade@usgs.gov>, Claudia Regan <cregan@usgs.gov>, Suzanna Soileau <ssoileau@usgs.gov>, Paul Laustsen <plaustsen@usgs.gov>, "Richard C. Ferrero" <rferrero@usgs.gov>, dan\_fagre@usgs.gov  
**Subject:** MIC: Exclusive: Trump administration pulled top climate expert from Mark Zuckerberg's national park visit

<https://m.mic.com/articles/182356/exclusive-trump-administration-pulled-top-climate-expert-from-mark-zuckerbergs-national-park-visit#.qMPFqbH2z>

Justin Pressfield  
US Department of the Interior  
US Geological Survey  
Chief of Communications, West  
Mobile: (916) 335-1211



**Label: "2017 Facebook/FOIA  
00166/Soileau\_FOIA 2017-00166"**

**Created by:ssoileau@usgs.gov**

Total Messages in label:99 (23 conversations)

Created: 08-16-2017 at 08:59 AM

# Conversation Contents

## Media inquiry to Facebook

### "Alley, Lauren" <lauren\_alley@nps.gov>

---

**From:** "Alley, Lauren" <lauren\_alley@nps.gov>  
**Sent:** Mon Jul 17 2017 15:37:56 GMT-0600 (MDT)  
**To:** "Patrick O'Driscoll" <patrick\_o'driscoll@nps.gov>, "Barnum, Jeremy" <jeremy\_barnum@nps.gov>, "Suzanna C. Soileau" <ssoileau@usgs.gov>  
**Subject:** Media inquiry to Facebook

All -

I wanted to pass along that I just got a call from Facebook indicating that they had received a call from [mic.com](http://mic.com) inquiring about their visit to the park and the people the park arranged to meet with them.

They provided that they had a great visit and had good conversations with folks about relevant topics including climate change and that they rely on the agency/entity hosting them to come up with the proper configuration of people for Mr. Zuckerberg to meet with.

Facebook does not plan on providing more beyond this to other inquiries.

I thanked Facebook for the heads up.

**Lauren Alley**  
Management Assistant  
Glacier National Park  
406.888.5838

### Suzanna Soileau <ssoileau@usgs.gov>

---

**From:** Suzanna Soileau <ssoileau@usgs.gov>  
**Sent:** Mon Jul 17 2017 15:47:04 GMT-0600 (MDT)  
**To:** "Alley, Lauren" <lauren\_alley@nps.gov>  
**Subject:** Re: Media inquiry to Facebook



**Label: "2017 Facebook/FOIA  
00166/Soileau\_FOIA 2017-00166"**

**Created by:ssoileau@usgs.gov**

Total Messages in label:99 (23 conversations)

Created: 08-16-2017 at 08:59 AM



# Conversation Contents

Fwd: Urgent inquiry for timely story

**"Pressfield, Justin" <jpressfield@usgs.gov>**

---

**From:** "Pressfield, Justin" <jpressfield@usgs.gov>  
**Sent:** Mon Jul 17 2017 12:20:20 GMT-0600 (MDT)  
**To:** Suzanna Soileau <ssoileau@usgs.gov>  
**Subject:** Fwd: Urgent inquiry for timely story



**Justin Pressfield**  
Chief of Communications | Western States  
U.S. Geological Survey | Department of the Interior  
Mobile: 916.335.1211 | Office: 916.278.9500

----- Forwarded message -----

From: **Pressfield, Justin** <jpressfield@usgs.gov>  
Date: Mon, Jul 17, 2017 at 11:18 AM  
Subject: Fwd: Urgent inquiry for timely story  
To: Betsy Hildebrandt <bhildebrandt@usgs.gov>, "Swift, Heather" <heather\_swift@ios.doi.gov>

Heather,

Hope you are well. Based on directions you gave for us, this one is coming your way. See below.

-Justin



**Justin Pressfield**  
Chief of Communications | Western States  
U.S. Geological Survey | Department of the Interior  
Mobile: 916.335.1211 | Office: 916.278.9500

----- Forwarded message -----

From: **Pressfield, Justin** <jpressfield@usgs.gov>  
Date: Mon, Jul 17, 2017 at 11:16 AM  
Subject: Re: Urgent inquiry for timely story  
To: Jake Horowitz <jhorowitz@mic.com>

Jake,

I am going to send you over to Heather Swift at the Department of Interior's Communications Office.

Here's her email:

[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)

-Justin



**Justin Pressfield**  
Chief of Communications | Western States  
U.S. Geological Survey | Department of the Interior  
Mobile: 916.335.1211 | Office: 916.278.9500

----- Forwarded message -----

From: **Jake Horowitz** <[jhorowitz@mic.com](mailto:jhorowitz@mic.com)>  
Date: Mon, Jul 17, 2017 at 11:11 AM  
Subject: Re: Urgent inquiry for timely story  
To: "Pressfield, Justin" <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>  
Cc: Catherine E Puckett <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

Hey Justin,

I'd prefer to run my question by you over the phone since it involves a sensitive matter surrounding a tip I received about Zuckerberg's trip. Ok for us to chat when your meeting wraps up? (914-527-2864)

Thank you  
Jake



Co-founder, Editor-at-large  
**Jake Horowitz**

[@jacobdhorowitz](https://twitter.com/jacobdhorowitz) | 914-527-2864

On Mon, Jul 17, 2017 at 2:00 PM, Pressfield, Justin <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)> wrote:

Jake,

While I am unable to talk on the phone in this meeting, could you shoot me your specific question via email? Maybe I could respond quicker that way. Thanks.



**Justin Pressfield**  
Chief of Communications | Western States  
U.S. Geological Survey | Department of the Interior  
Mobile: 916.335.1211 | Office: 916.278.9500

On Mon, Jul 17, 2017 at 10:43 AM, Jake Horowitz <[jhorowitz@mic.com](mailto:jhorowitz@mic.com)> wrote:

Yes, that's great. I'm [914 527 2864](tel:9145272864) as soon as you get a moment.

Jake



Co-founder, Editor-at-large

**Jake Horowitz**

[@jacobdhorowitz](#) | [914-527-2864](tel:914-527-2864)

On Mon, Jul 17, 2017 at 1:41 PM, Pressfield, Justin <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)> wrote:  
Hi Jake,

I am right in the middle of some other stuff right now, but I want to respect your deadline. Can I circle back to you when I get up for air in an hour or two, please?

-Justin



**Justin Pressfield**  
Chief of Communications | Western States  
U.S. Geological Survey | Department of the Interior  
Mobile: 916.335.1211 | Office: 916.278.9500

On Mon, Jul 17, 2017 at 10:38 AM, Jake Horowitz <[jhorowitz@mic.com](mailto:jhorowitz@mic.com)> wrote:  
Thank you Shawn. Catherine and Justin, I've left a few messages with various members of the staff. Do you have a few minutes to connect ASAP?

Thank you and much appreciated  
Jake



Co-founder, Editor-at-large

**Jake Horowitz**

[@jacobdhorowitz](#) | [914-527-2864](tel:914-527-2864)

On Mon, Jul 17, 2017 at 1:33 PM, Carter, Shawn <[scarter@usgs.gov](mailto:scarter@usgs.gov)> wrote:  
Hey Jake,

Hard to know if I'm the one you need based on these details. I'm adding our communications folks (Catherine and Justin) who handle that area and they can surely give you great contacts and information. Thanks.

On Mon, Jul 17, 2017 at 1:21 PM, Jake Horowitz <[jhorowitz@mic.com](mailto:jhorowitz@mic.com)> wrote:  
Shawn,

My name is Jake Horowitz, I'm the co-founder of Mic. I'm trying to get in touch because I'm working on an important story surrounding Mark Zuckerberg's trip to Glacier National Park. I was told you might be the person who can answer my question. It's quite timely and I'd like to connect ASAP (also tried calling

you).

Do you have a few mins? ([914 527 2864](tel:9145272864))

Thank you  
Jake



Co-founder, Editor-at-large  
**Jake Horowitz**

[@jacobdhorowitz](https://twitter.com/jacobdhorowitz) | [914-527-2864](tel:9145272864)

--

Shawn L. Carter

Senior Scientist  
National Climate Change & Wildlife Science Center  
12201 Sunrise Valley Dr. MS-516  
Reston, VA 20192  
<http://nccwsc.usgs.gov>

[scarter@usgs.gov](mailto:scarter@usgs.gov)  
[703-648-4085](tel:7036484085) w  
[571-314-2788](tel:5713142788) c

*Enjoy when you can, and endure when you must.*

—Johann Wolfgang von Goethe (1749 - 1832)

**Label: "2017 Facebook/FOIA  
00166/Soileau\_FOIA 2017-00166"**

**Created by:ssoileau@usgs.gov**

Total Messages in label:99 (23 conversations)

Created: 08-16-2017 at 09:00 AM

# Conversation Contents

Fwd: Urgent inquiry for timely story

**"Demas, Alex" <apdemas@usgs.gov>**

---

**From:** "Demas, Alex" <apdemas@usgs.gov>  
**Sent:** Mon Jul 17 2017 10:20:45 GMT-0600 (MDT)  
**To:** Catherine E Puckett <cpuckett@usgs.gov>, Suzanna Soileau <ssoileau@usgs.gov>  
**Subject:** Fwd: Urgent inquiry for timely story

FYI

----- Forwarded message -----

From: **Jake Horowitz** <[jhorowitz@mic.com](mailto:jhorowitz@mic.com)>  
Date: Mon, Jul 17, 2017 at 12:15 PM  
Subject: Urgent inquiry for timely story  
To: [apdemas@usgs.gov](mailto:apdemas@usgs.gov)

Alex,

My name is Jake Horowitz, I'm the co-founder of Mic. I'm trying to get in touch because I'm working on an important story surrounding Mark Zuckerberg's trip to Glacier National Park. It's quite timely and I'd like to connect ASAP (also tried texting you).

Do you have a few mins? (914 527 2864)

Thank you  
Jake



Co-founder, Editor-at-large

**Jake Horowitz**

[@jacobdhorowitz](https://twitter.com/jacobdhorowitz) | 914-527-2864

--

Alex Demas  
U.S. Geological Survey  
Public Affairs Specialist  
Subjects: Energy & Mineral Resources and Environmental Health  
(O) 703-648-4421 (C) 571-335-6535 (F) 703-648-4466 (E) [apdemas@usgs.gov](mailto:apdemas@usgs.gov)

Connect with USGS: [Twitter](#), [Facebook](#), [YouTube](#), and [more!](#)

**"Soileau, Suzanna" <ssoileau@usgs.gov>**

---

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Mon Jul 17 2017 10:43:26 GMT-0600 (MDT)  
**To:** "Regan, Claudia" <cregan@usgs.gov>  
**Subject:** Fwd: Urgent inquiry for timely story

FYI

----- Forwarded message -----

From: **Demas, Alex** <[apdemas@usgs.gov](mailto:apdemas@usgs.gov)>  
Date: Mon, Jul 17, 2017 at 10:20 AM  
Subject: Fwd: Urgent inquiry for timely story  
To: Catherine E Puckett <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>, Suzanna Soileau <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

FYI

----- Forwarded message -----

From: **Jake Horowitz** <[jhorowitz@mic.com](mailto:jhorowitz@mic.com)>  
Date: Mon, Jul 17, 2017 at 12:15 PM  
Subject: Urgent inquiry for timely story  
To: [apdemas@usgs.gov](mailto:apdemas@usgs.gov)

Alex,

My name is Jake Horowitz, I'm the co-founder of Mic. I'm trying to get in touch because I'm working on an important story surrounding Mark Zuckerberg's trip to Glacier National Park. It's quite timely and I'd like to connect ASAP (also tried texting you).

Do you have a few mins? (914 527 2864)

Thank you  
Jake



Co-founder, Editor-at-large

**Jake Horowitz**

[@jacobdhorowitz](https://twitter.com/jacobdhorowitz) | 914-527-2864

--

Alex Demas  
U.S. Geological Survey  
Public Affairs Specialist  
Subjects: Energy & Mineral Resources and Environmental Health  
(O) 703-648-4421 (C) 571-335-6535 (F) 703-648-4466 (E) [apdemas@usgs.gov](mailto:apdemas@usgs.gov)

Connect with USGS: [Twitter](#), [Facebook](#), [YouTube](#), and [more!](#)  
\* [DOI](#) and [USGS](#) link policies apply.

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>  
~~~~~

"Something hidden. Go and find it. Go and look behind the Ranges- Something lost behind the Ranges. Lost and waiting for you. Go!"

Rudyard Kipling, The Explorer

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**"Demas, Alex" <[apdemas@usgs.gov](mailto:apdemas@usgs.gov)>**

---

**From:** "Demas, Alex" <[apdemas@usgs.gov](mailto:apdemas@usgs.gov)>  
**Sent:** Mon Jul 17 2017 11:19:54 GMT-0600 (MDT)  
**To:** Jake Horowitz <[jhorowitz@mic.com](mailto:jhorowitz@mic.com)>  
**BCC:** [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)  
**Subject:** Re: Urgent inquiry for timely story

Hi Jake, sorry I missed your call. We see that you're on a deadline and we're working on a reply and we'll be back with you as soon as possible.

Bon temps,  
Alex

On Mon, Jul 17, 2017 at 12:15 PM, Jake Horowitz <[jhorowitz@mic.com](mailto:jhorowitz@mic.com)> wrote:  
Alex,

My name is Jake Horowitz, I'm the co-founder of Mic. I'm trying to get in touch because I'm



working on an important story surrounding Mark Zuckerberg's trip to Glacier National Park. It's quite timely and I'd like to connect ASAP (also tried texting you).

Do you have a few mins? (914 527 2864)

Thank you  
Jake



Co-founder, Editor-at-large  
**Jake Horowitz**

[@jacobdhorowitz](#) | 914-527-2864

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\* [DOI](#) and [USGS](#) link policies apply.

**"Demas, Alex" <apdemas@usgs.gov>**

---

**From:** "Demas, Alex" <apdemas@usgs.gov>  
**Sent:** Mon Jul 17 2017 11:38:01 GMT-0600 (MDT)  
**To:** Jake Horowitz <jhorowitz@mic.com>  
**BCC:** ssoileau@usgs.gov  
**Subject:** Re: Urgent inquiry for timely story

Hi Jake,

It would probably be best to run it by Justin Pressfield and Catherine Puckett. Their contact information is as follows:

Justin Pressfield  
[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)

Catherine Puckett  
[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

Bon temps,  
Alex

On Mon, Jul 17, 2017 at 1:24 PM, Jake Horowitz <[jhorowitz@mic.com](mailto:jhorowitz@mic.com)> wrote:

Got it, thank you for the response. But in terms of reply, I have a very specific question that

DOI-USGS-17-0238-A, B, C-000313

I'm looking to talk to someone about. (Not for a broad comment about the trip). Would it be helpful to run the matter by you (or someone else) briefly?



Co-founder, Editor-at-large

**Jake Horowitz**

[@jacobdhorowitz](#) | 914-527-2864

On Mon, Jul 17, 2017 at 1:19 PM, Demas, Alex <[apdemas@usgs.gov](mailto:apdemas@usgs.gov)> wrote:

Hi Jake, sorry I missed your call. We see that you're on a deadline and we're working on a reply and we'll be back with you as soon as possible.

Bon temps,  
Alex

On Mon, Jul 17, 2017 at 12:15 PM, Jake Horowitz <[jhorowitz@mic.com](mailto:jhorowitz@mic.com)> wrote:

Alex,

My name is Jake Horowitz, I'm the co-founder of Mic. I'm trying to get in touch because I'm working on an important story surrounding Mark Zuckerberg's trip to Glacier National Park. It's quite timely and I'd like to connect ASAP (also tried texting you).

Do you have a few mins? ([914 527 2864](tel:9145272864))

Thank you  
Jake



Co-founder, Editor-at-large

**Jake Horowitz**

[@jacobdhorowitz](#) | [914-527-2864](tel:9145272864)

--

Alex Demas

U.S. Geological Survey

Public Affairs Specialist

Subjects: Energy & Mineral Resources and Environmental Health

(O) [703-648-4421](tel:7036484421) (C) [571-335-6535](tel:5713356535) (F) [703-648-4466](tel:7036484466) (E) [apdemas@usgs.gov](mailto:apdemas@usgs.gov)

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Alex Demas  
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**Label: "2017 Facebook/FOIA  
00166/Soileau\_FOIA 2017-00166"**

**Created by:ssoileau@usgs.gov**

Total Messages in label:99 (23 conversations)

Created: 08-16-2017 at 09:00 AM

# Conversation Contents

Urgent inquiry for timely story

**Jake Horowitz <jhorowitz@mic.com>**

---

**From:** Jake Horowitz <jhorowitz@mic.com>  
**Sent:** Mon Jul 17 2017 10:56:34 GMT-0600 (MDT)  
**To:** <ssoileau@usgs.gov>  
**Subject:** Urgent inquiry for timely story

Suzanna,

My name is Jake Horowitz, I'm the co-founder of Mic. I'm trying to get in touch because I'm working on an important story surrounding Mark Zuckerberg's trip to Glacier National Park. I was told you might be the person who can answer my question. It's quite timely and I'd like to connect ASAP (also tried calling you).

Do you have a few mins? ([914 527 2864](tel:9145272864))

Thank you  
Jake



Co-founder, Editor-at-large

**Jake Horowitz**

[@jacobdhorowitz](https://twitter.com/jacobdhorowitz) | 914-527-2864

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**Created by:ssoileau@usgs.gov**

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Created: 08-16-2017 at 09:00 AM

# Conversation Contents

Dan Fagre's participation

**"Regan, Claudia" <cregan@usgs.gov>**

---

**From:** "Regan, Claudia" <cregan@usgs.gov>  
**Sent:** Wed Jul 12 2017 08:32:57 GMT-0600 (MDT)  
**To:** Jeff Mow <jeff\_mow@nps.gov>  
**CC:** Lauren Alley <lauren\_alley@nps.gov>, "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Subject:** Dan Fagre's participation

Hi Jeff,

I know you folks have a lot on your plate but could you give me a call this morning? I'm not in the office, yet, so my mobile is the best bet before 10 am. 406-404-9978

thanks....Claudia

---

## **Claudia Regan**

Center Director

**Northern Rocky Mountain Science Center**

US Geological Survey

2327 University Way, Suite 2

Bozeman, MT 59715

Email: [cregan@usgs.gov](mailto:cregan@usgs.gov)

Office: 406-994-7972

Mobile: 406-404-9978

**Visit our website at:** <https://www.usgs.gov/norock>

**Label: "2017 Facebook/FOIA  
00166/Soileau\_FOIA 2017-00166"**

**Created by:ssoileau@usgs.gov**

Total Messages in label:99 (23 conversations)

Created: 08-16-2017 at 09:02 AM



# Conversation Contents

please call me

## "Regan, Claudia" <cregan@usgs.gov>

---

**From:** "Regan, Claudia" <cregan@usgs.gov>  
**Sent:** Tue Jul 11 2017 17:27:41 GMT-0600 (MDT)  
**To:** "Fagre, Daniel" <dan\_fagre@usgs.gov>  
**CC:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Subject:** please call me

Hi Dan...I'm sure you are gone for the day. Please call me when you can. My mobile might be best. this evening is ok. or tomorrow.

change of plans for saturday.

---

### Claudia Regan

Center Director

**Northern Rocky Mountain Science Center**

US Geological Survey

2327 University Way, Suite 2

Bozeman, MT 59715

Email: [cregan@usgs.gov](mailto:cregan@usgs.gov)

Office: 406-994-7972

Mobile: 406-404-9978

Visit our website at: <https://www.usgs.gov/norock>

## Suzanna Soileau <ssoileau@usgs.gov>

---

**From:** Suzanna Soileau <ssoileau@usgs.gov>  
**Sent:** Wed Jul 12 2017 07:27:09 GMT-0600 (MDT)  
**To:** "Fagre, Daniel" <dan\_fagre@usgs.gov>, "Regan, Claudia" <cregan@usgs.gov>  
**Subject:** Re: please call me

**Label: "2017 Facebook/FOIA  
00166/Soileau\_FOIA 2017-00166"**

**Created by:ssoileau@usgs.gov**

Total Messages in label:99 (23 conversations)

Created: 08-16-2017 at 09:02 AM

# Conversation Contents

Fwd: Saturday in Glacier

**"Wade, Anne-Berry" <abwade@usgs.gov>**

---

**From:** "Wade, Anne-Berry" <abwade@usgs.gov>  
**Sent:** Tue Jul 11 2017 10:30:22 GMT-0600 (MDT)  
**To:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Subject:** Fwd: Saturday in Glacier

Before I call the DOI, is this about Zuckerberg's visit? What are the USGS plans for FB?

Mike Reynolds is Acting Director for NPS

A.B. Wade  
[USGS](#) Press Officer  
703-648-4483 desk  
703-317-7871 mobile

----- Forwarded message -----

From: **Swift, Heather** <[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)>  
Date: Tue, Jul 11, 2017 at 12:22 PM  
Subject: Saturday in Glacier  
To: "Wade, Anne-Berry" <[abwade@usgs.gov](mailto:abwade@usgs.gov)>, Laura Rigas <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)>


Hey there AB, can you please call me about USGS in Glacier? 202-208-5338

----- Forwarded message -----

From: **Reynolds, Michael** <[michael\\_reynolds@nps.gov](mailto:michael_reynolds@nps.gov)>  
Date: Mon, Jul 10, 2017 at 5:31 PM  
Subject: regarding Glacier  
To: Virginia Johnson <[virginia\\_johnson@ios.doi.gov](mailto:virginia_johnson@ios.doi.gov)>, Maureen Foster <[maureen\\_foster@ios.doi.gov](mailto:maureen_foster@ios.doi.gov)>  
Cc: Bob Vogel <[Bob\\_Vogel@nps.gov](mailto:Bob_Vogel@nps.gov)>

The park/region propose the following:

-- NPS participation on the tour will be the deputy superintendent, Eric Smith. (Note: USGS participant is Dan Fagre, climate change scientist. Concerns about his participation should be routed through the USGS chain.)

-- NPS does not intend to issue any press release or participate in any press event/conference associated h this visit.

-- NPS does not intend to post anything about this visit on our public-facing website, nor to post to the park's Facebook page. We cannot control what someone else posts to their sites. (We

understand USGS has received approval to post on their Facebook page; concerns about that should be routed through the USGS chain.)

-- NPS is not taking any extraordinary measures for this visit different than what we normally do for VIPs.

Please let me or the park know if there are further refinements needed. I have purposely included the park and IMRO on this message so we're all on the same page. Thanks.

-

Heather Swift

Department of the Interior

@DOIPressSec

[Heather\\_Swift@ios.doi.gov](mailto:Heather_Swift@ios.doi.gov) | [Interior\\_Press@ios.doi.gov](mailto:Interior_Press@ios.doi.gov)

**Suzanna Soileau <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>**

---

**From:** Suzanna Soileau <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>  
**Sent:** Wed Jul 12 2017 07:31:40 GMT-0600 (MDT)  
**To:** "Wade, Anne-Berry" <[abwade@usgs.gov](mailto:abwade@usgs.gov)>  
**Subject:** Re: Saturday in Glacier

**Label: "2017 Facebook/FOIA  
00166/Soileau\_FOIA 2017-00166"**

**Created by:ssoileau@usgs.gov**

Total Messages in label:99 (23 conversations)

Created: 08-16-2017 at 09:03 AM

# Conversation Contents

## NOROCK Highlights

### "Soileau, Suzanna" <ssoileau@usgs.gov>

---

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Thu Jun 29 2017 13:15:51 GMT-0600 (MDT)  
**To:** Amelia C Barrales <aredhill@usgs.gov>, Cheryl Miller <cemiller@usgs.gov>, Claudia Regan <cregan@usgs.gov>, GS-DO -OCAP-Highlights <highlights@usgs.gov>, "Judy O'Dwyer" <jodwyer@usgs.gov>, "Maria-Richetta Harris (Camille)" <mcharris@usgs.gov>, Paul Laustsen <plaustsen@usgs.gov>  
**BCC:** GS-NOROCK All <gs-norock\_all@usgs.gov>  
**Subject:** NOROCK Highlights

**For Diane:**

**Title: USGS glacier scientist and center communicator to join Facebook CEO on tour of Glacier NP.**

- **What:** USGS glacier scientist and center communicator to join Facebook CEO on short tour of Glacier NP.
- **Date Entered:** 6/28/17
- **Estimated Date:** 7/15/17
- **Where:** Glacier National Park
- **Background:** USGS glacier scientist Dan Fagre and center communicator Suzanna Soileau have been invited on the request of Facebook Communications Director Derick Mains to join CEO Mark Zuckerberg and park officials in Glacier National Park on July 15 as he travels to Logan Pass to learn more about issues surrounding the natural resources of the park. Facebook learned of Fagre's work from a press release highlighting a data release on declining glacier margins in the park. Fagre will answer questions about USGS research on changing mountain ecosystems and glacier recession.
- **Partners/Stakeholders:** Glacier National Park
- **Hill Interest:** No
- **High-Profile/Controversial:** Yes
- **Journal/Outlet:** NA
- **Publication Status:** NA
- **POC:** Suzanna Soileau, NOROCK, [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

**Title: New study: Declines revisited: Long-term recovery and spatial population dynamics of tailed frog larvae after wildfire**

- **What:** Accepted publication
- **Date Entered:** 06/28/17
- **Estimated Date:** July

- **Where:** Montana
- **Background:** USGS scientist Blake Hossack (NOROCK) is author of a new publication accepted in the journal, *Biological Conservation*. Scientists re-surveyed 8 streams 11–12 years after a wildfire to determine if fire-associated declines in abundance of larval Rocky Mountain tailed frogs (*Ascaphus montanus*) persisted or if populations had recovered. Rocky Mountain tailed frogs have several unusual life-history traits that could slow population recovery, including an extended larval period (4 yrs), delayed sexual maturity (6–8 yrs), and low fecundity (<50 eggs/yr). Results showed that negative effects of burn extent on larval abundance weakened >58% within 12 yrs after the fire, allowing populations to recover to near pre-fire levels within 2 generations.
- **Partners/Stakeholders:**
- **Hill Interest:** No
- **High-Profile/Controversial:** No
- **Journal/Outlet:** Biological Conservation
- **Publication Status:** Accepted
- **POC:** Blake Hossack, [blake\\_hossack@usgs.gov](mailto:blake_hossack@usgs.gov)

**Title: New study: Management of pneumonia in bighorn sheep: risk and resilience**

- **What:** Accepted publication
- **Date Entered:** 06/28/17
- **Estimated Date:** July
- **Where:** western US
- **Background:** USGS scientist Paul Cross (NOROCK) is author of a new publication accepted in The Journal of Wildlife Management. Researchers reviewed the literature on bighorn sheep die-offs across the western United States. Molecular, captive experiments and field data suggest that disease transmission between domestic sheep and bighorn sheep is an important driver of bighorn sheep declines. In particular, *Mycoplasma ovipneumoniae* is a pathogen of significant concern.
- **Partners/Stakeholders:**
- **Hill Interest:** No
- **High-Profile/Controversial:** No
- **Journal/Outlet:** The Journal of Wildlife Management.
- **Publication Status:** Accepted
- **POC:** Paul Cross, [pcross@usgs.gov](mailto:pcross@usgs.gov)

**For Western Report:**

**USGS NOROCK invasive species scientist presents and gives field tour at 100th Meridian Initiative Columbia River Basin meeting:** On June 27 and 28, Research Zoologist Adam Sepulveda (NOROCK) attended the 100th Meridian Initiative Columbia River Basin team working group meeting in Helena, Montana. Sepulveda updated the working group on national-level intergovernmental coordination efforts to prevent spread of dreissenid mussels to the Columbia River Basin. The meeting was attended by DOI Acting Assistant Secretary of Water and Science Scott Cameron on June 27th. On June 28th, Sepulveda joined DOI Invasive Species Coordinator Hilary Smith and USFWS AIS coordinator for Region 6 Joanne Grady on a field tour of Canyon Ferry Reservoir, a mussel suspected site. Sepulveda took them to a boat inspection station and demonstrated eDNA sampling at the site. (Adam Sepulveda, [asepulveda@usgs.gov](mailto:asepulveda@usgs.gov) )

**USGS NOROCK glacier scientist does Climatewire interview on shrinking glaciers:** On June 27th, glacier scientist Dan Fagre did an interview with Brittany Patterson, a reporter with E&E News' *Climatewire* about cascading effects of shrinking glaciers and diminishing snow packs on Glacier Park's ecosystem. Fagre cited connection to aquatic species, alpine vegetation and snow avalanches. The article was published June 28. (Dan Fagre, [dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov))

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Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
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2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
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# Conversation Contents

Fwd: Upcoming meeting with facebook Mark Zuckerberg

**"Puckett, Catherine"** <cpuckett@usgs.gov>

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**From:** "Puckett, Catherine" <cpuckett@usgs.gov>  
**Sent:** Mon Jun 26 2017 05:47:58 GMT-0600 (MDT)  
**To:** Suzanna Soileau <ssoileau@usgs.gov>  
**Subject:** Fwd: Upcoming meeting with facebook Mark Zuckerberg

at some point, we will need to put this in the report -- may want to ask Justin and Paul when and what to put in. When it does go in, could you let me know because AB will likely want to give DOI a heads up. Catherine

---

 Catherine Puckett  
Deputy Public Affairs Officer  
USGS Office of Communications  
352-377-2469 (O) 352-278-0165 (cell)  
[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

----- Forwarded message -----

**From:** Charbonneau, Colette <ccharbonneau@usgs.gov>  
**Date:** Fri, Jun 23, 2017 at 2:49 PM  
**Subject:** Re: Upcoming meeting with facebook Mark Zuckerberg  
**To:** "Ball, Lianne" <lball@usgs.gov>  
**Cc:** Melanie Steinkamp <msteinkamp@usgs.gov>, "Puckett, Catherine" <cpuckett@usgs.gov>

Brought this up with Anne this morning:

She wants Dan to know he will be representing all of USGS, not just his science and center. Dan should be prepared to describe what we do as an agency as a whole. Dan should stick to the facts when speaking on his science, be authentic and genuine.

Anne would like to have a 'brainstorming' session with you all and Dan before the 15th to talk through priority talking points.

Anne will be back in the office the week of July 3. Please let me know when you'd like to schedule.

Thanks - Colette

On Thu, Jun 22, 2017 at 4:49 PM, Ball, Lianne <lball@usgs.gov> wrote:

Hey Collete

Hilburger and Anne just had a meeting with AB Wade and she had been notified that our scientist Dan Fagre at

NOROCK who's been getting big time press about his work on the ecological consequences of glaciers retreating got contacted by facebook folks (he wasn't friended..I asked)..Mark Zuckerberg wants to come visit Glacier NP and meet him!

Anne had some talking point ideas she wanted to pass on to Dan.

The meeting is in July but I dont know more than that.....

Melanie or I will reach out to AB Wade for outreach guidance....but we'd like to hear from Anne about what she wanted Dan to say/consider.....

Lianne

--

Lianne Ball, Ph.D.  
Science Adviser, Environments Program  
US Geological Survey  
12201 Sunrise Valley Dr  
Mail Stop 301  
Reston, VA 20192

Ph (703) 648-4028

However beautiful the strategy, you should occasionally look at the results *Winston Churchill*

## "Soileau, Suzanna" <ssoileau@usgs.gov>

---

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Mon Jun 26 2017 08:31:02 GMT-0600 (MDT)  
**To:** "Puckett, Catherine" <cpuckett@usgs.gov>  
**Subject:** Re: Upcoming meeting with facebook Mark Zuckerberg

Yes - I have a meeting with FB this week and thought I could place it in my report this week once I know more details :)

On Mon, Jun 26, 2017 at 5:47 AM, Puckett, Catherine <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)> wrote:

at some point, we will need to put this in the report -- may want to ask Justin and Paul when and what to put in. When it does go in, could you let me know because AB will likely want to give DOI a heads up.  
Catherine

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[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

----- Forwarded message -----

From: **Charbonneau, Colette** <[ccharbonneau@usgs.gov](mailto:ccharbonneau@usgs.gov)>

Date: Fri, Jun 23, 2017 at 2:49 PM

Subject: Re: Upcoming meeting with facebook Mark Zuckerberg

To: "Ball, Lianne" <[lball@usgs.gov](mailto:lball@usgs.gov)>

Cc: Melanie Steinkamp <[msteinkamp@usgs.gov](mailto:msteinkamp@usgs.gov)>, "Puckett, Catherine" <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

Brought this up with Anne this morning:

She wants Dan to know he will be representing all of USGS, not just his science and center. Dan should be prepared to describe what we do as an agency as a whole. Dan should stick to the facts when speaking on his science, be authentic and genuine.

Anne would like to have a 'brainstorming' session with you all and Dan before the 15th to talk through priority talking points.

Anne will be back in the office the week of July 3. Please let me know when you'd like to schedule.

Thanks - Colette

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Hey Collete

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The meeting is in July but I dont know more than that.....

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Lianne

--

Lianne Ball, Ph.D.  
Science Adviser, Environments Program  
US Geological Survey  
12201 Sunrise Valley Dr  
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Ph (703) 648-4028

However beautiful the strategy, you should occasionally look at the results *Winston Churchill*

--  
  
Suzanna

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Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>  
~~~~~

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Rudyard Kipling, The Explorer

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**"Puckett, Catherine" <cpuckett@usgs.gov>**

---

**From:** "Puckett, Catherine" <cpuckett@usgs.gov>  
**Sent:** Mon Jun 26 2017 08:34:02 GMT-0600 (MDT)  
**To:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Subject:** Re: Upcoming meeting with facebook Mark Zuckerberg

ha ha, i bet you smiled writing that -- I have a meeting with FB this week.

-----  
 Catherine Puckett  
Deputy Public Affairs Officer  
USGS Office of Communications  
352-377-2469 (O) 352-278-0165 (cell)  
[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

On Mon, Jun 26, 2017 at 10:31 AM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:  
Yes - I have a meeting with FB this week and thought I could place it in my report this week once I know more details :)

On Mon, Jun 26, 2017 at 5:47 AM, Puckett, Catherine <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)> wrote:  
at some point, we will need to put this in the report -- may want to ask Justin and Paul when and what to put in. When it does go in, could you let me know because AB will likely want to give DOI a heads up.  
Catherine

---

 Catherine Puckett  
Deputy Public Affairs Officer  
USGS Office of Communications  
352-377-2469 (O) 352-278-0165 (cell)  
[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

----- Forwarded message -----

From: **Charbonneau, Colette** <[ccharbonneau@usgs.gov](mailto:ccharbonneau@usgs.gov)>  
Date: Fri, Jun 23, 2017 at 2:49 PM  
Subject: Re: Upcoming meeting with facebook Mark Zuckerberg  
To: "Ball, Lianne" <[lball@usgs.gov](mailto:lball@usgs.gov)>  
Cc: Melanie Steinkamp <[msteinkamp@usgs.gov](mailto:msteinkamp@usgs.gov)>, "Puckett, Catherine" <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

Brought this up with Anne this morning:

She wants Dan to know he will be representing all of USGS, not just his science and center. Dan should be prepared to describe what we do as an agency as a whole. Dan should stick to the facts when speaking on his science, be authentic and genuine.

Anne would like to have a 'brainstorming' session with you all and Dan before the 15th to talk through priority talking points.

Anne will be back in the office the week of July 3. Please let me know when you'd like to schedule.

Thanks - Colette

On Thu, Jun 22, 2017 at 4:49 PM, Ball, Lianne <[lball@usgs.gov](mailto:lball@usgs.gov)> wrote:

Hey Collete

Hilburger and Anne just had a meeting with AB Wade and she had been notified that our scientist Dan Fagre at NOROCK who's been getting big time press about his work on the ecological consequences of glaciers retreating got contacted by facebook folks (he wasn't friended..I asked)..Mark Zuckerberg wants to come visit Glacier NP and meet him!

Anne had some talking point ideas she wanted to pass on to Dan.

The meeting is in July but I dont know more than that.....

Melanie or I will reach out to AB Wade for outreach guidance....but we'd like to hear from Anne about what she wanted Dan to say/consider.....

Lianne

--

Lianne Ball, Ph.D.  
Science Adviser, Environments Program  
US Geological Survey  
12201 Sunrise Valley Dr  
Mail Stop 301  
Reston, VA 20192

Ph (703) 648-4028

However beautiful the strategy, you should occasionally look at the results *Winston Churchill*

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

~~~~~  
"Something hidden. Go and find it. Go and look behind the Ranges- Something lost behind the Ranges. Lost and waiting for you. Go!"

Rudyard Kipling, The Explorer

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**Label: "2017 Facebook/FOIA  
00166/Soileau\_FOIA 2017-00166"**

**Created by:ssoileau@usgs.gov**

Total Messages in label:99 (23 conversations)

Created: 08-16-2017 at 09:03 AM

**Label: "2017 Facebook/FOIA  
00166/Soileau\_FOIA 2017-00166"**

**Created by:ssoileau@usgs.gov**

Total Messages in label:99 (23 conversations)

Created: 08-16-2017 at 09:03 AM

# Conversation Contents

Visit with Mark Zuckerberg

**"Fagre, Daniel" <dan\_fagre@usgs.gov>**

---

**From:** "Fagre, Daniel" <dan\_fagre@usgs.gov>  
**Sent:** Thu Jun 22 2017 16:03:35 GMT-0600 (MDT)  
**To:** "Willard, Debra" <dwillard@usgs.gov>, "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Subject:** Visit with Mark Zuckerberg

Hi Deb,  
A few hours ago I got word that Facebook founder Mark Zuckerberg will be visiting Glacier in July and his team asked that I visit with him about climate change at Logan Pass. I agreed to this and there has already been email traffic within the USGS as to how to structure some talking points for him. I would like your input from the CLU R&D perspective at some point. I imagine that this will all evolve over the next few weeks. The tentative date is July 15th. Adios for now.  
Dan

--

\*\*\*\*\*

Daniel B. Fagre, Ph.D.  
USGS Northern Rocky Mountain Science Center  
215 Mather Drive  
Glacier National Park  
West Glacier, MT 59936  
Ph: 406-888-7922  
Email: [dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)

\*\*\*\*\*

**Label: "2017 Facebook/FOIA  
00166/Soileau\_FOIA 2017-00166"**

**Created by:ssoileau@usgs.gov**

Total Messages in label:99 (23 conversations)

Created: 08-16-2017 at 09:03 AM

# Conversation Contents

Dan Fagre meeting

**"Ball, Lianne" <lball@usgs.gov>**

---

**From:** "Ball, Lianne" <lball@usgs.gov>  
**Sent:** Thu Jun 22 2017 15:19:32 GMT-0600 (MDT)  
**To:** Suzanna Soileau <ssoileau@usgs.gov>  
**Subject:** Dan Fagre meeting

Hey Suzanna,

I dont know the protocol for important people talking with our people....we in Reston are just going to get Anne's talking points to you guys and Dan. We dont want to create any more middle men in this.

Whatever we can do to make this go smoothly for Dan and your Center let us know

I have to send out an email and copy everyone in creation though. That seems to be SOP.

Lianne

**"Soileau, Suzanna" <ssoileau@usgs.gov>**

---

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Thu Jun 22 2017 15:23:23 GMT-0600 (MDT)  
**To:** "Ball, Lianne" <lball@usgs.gov>  
**Subject:** Re: Dan Fagre meeting

Sounds good - we do include Justin Pressfield's office and they typically let us take the lead. He is aware of this opportunity While Paul Laustsen is out we are working with Ryan McClymont in OCAP West.

On Thu, Jun 22, 2017 at 3:19 PM, Ball, Lianne <[lball@usgs.gov](mailto:lball@usgs.gov)> wrote:

Hey Suzanna,

I dont know the protocol for important people talking with our people....we in Reston are just going to get Anne's talking points to you guys and Dan. We dont want to create any more middle men in this.

Whatever we can do to make this go smoothly for Dan and your Center let us know

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Lianne

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

~~~~~  
"Something hidden. Go and find it. Go and look behind the Ranges- Something lost behind the Ranges. Lost and waiting for you. Go!"

Rudyard Kipling, The Explorer

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**"Ball, Lianne" <lball@usgs.gov>**

---

**From:** "Ball, Lianne" <lball@usgs.gov>  
**Sent:** Thu Jun 22 2017 15:27:11 GMT-0600 (MDT)  
**To:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Subject:** Re: Dan Fagre meeting

Thanks!

On Thu, Jun 22, 2017 at 5:23 PM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:  
Sounds good - we do include Justin Pressfield's office and they typically let us take the lead. He is aware of this opportunity While Paul Laustsen is out we are working with Ryan McClymont in OCAP West.

On Thu, Jun 22, 2017 at 3:19 PM, Ball, Lianne <[lball@usgs.gov](mailto:lball@usgs.gov)> wrote:

Hey Suzanna,

I dont know the protocol for important people talking with our people....we in Reston are just going to get Anne's talking points to you guys and Dan. We dont want to create any more middle men in this.

Whatever we can do to make this go smoothly for Dan and your Center let us know

I have to send out an email and copy everyone in creation though. That seems to be SOP.

Lianne

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>  
~~~~~

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Rudyard Kipling, The Explorer

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--

Lianne Ball, Ph.D.  
Science Adviser, Environments Program  
US Geological Survey

12201 Sunrise Valley Dr  
Mail Stop 301  
Reston, VA 20192

Ph (703) 648-4028

However beautiful the strategy, you should occasionally look at the results *Winston Churchill*



~~Ops & Comms~~ Facebook Visit GNP

Derrick <sup>Mains</sup> FB Comms - Canyon  
- Lives in West Glacier - grew up in Argon

MZ - Personal Challenge - visit 30 states  
he has never been to.

Keefe Johnston - 20yr. Ranger - personal friend

Mark - Meets w/ Folks in conf. room.  
- talks about issues important to folks

- in GNP - lets do it in a jammer. - on way to  
Logan Pass - FB + 4

- USGS - Dan + Suz  
- Jeff Mow - GNP Conservancy

- Ranger Kyle - Volunteers

- Graig, the Park Ranger who handles

\* How Climate Change impacted Park?

Mark coming from Alaska - glaciers, aquatics, bears etc.

\* frank & open discussion - can hold back

\* might ask how budget impacts \*

Mark will do a post afterwards - add photos, etc.

\* Security team present  
FB + NPS

~~Call~~  
AGG  
agmt  
9- to go  
Dakotas  
ID  
MT

Da Kola - oil  
prod. regions

## Schedule

- private plane
- 1:45 HQ - that will greet
- 2:00 - James to Camp to the Sun.
- 3:00 - Visitor Center @ Logan Pass - short walk (play by ear)
- 4:00 - lead out - MZ in separate vehicle - Gracie
  - ↳ will work on Post in car - post by 5pm

MZ - 93 mill followers

\* tag pages

\* Can share photos w/ US. Thanks!

\* Send Dink - info on our work

- Release
- USGS in Glacier



Soileau, Suzanna <ssoileau@usgs.gov>

---

## Media inquiries - climate change meeting

---

**van Manen, Frank** <fvanmanen@usgs.gov>  
To: Suzanna Soileau <ssoileau@usgs.gov>

Tue, Aug 8, 2017 at 10:16 AM

Hi Suzanna,

This is the only responsive record I have regarding the FOIA, all other ones are emails I received and I'm sure those are included in the records of others....

----- Forwarded message -----

From: **van Manen, Frank** <fvanmanen@usgs.gov>  
Date: Tue, Jul 18, 2017 at 2:44 PM  
Subject: Media inquiries - climate change meeting  
To: GS-NOROCK All <gs-norock\_all@usgs.gov>

All,

If you receive any inquiries regarding USGS role in the recent climate change meeting at Glacier NP, please make no comments and refer all media inquiries to DOI at:

Heather Swift

[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)

Thanks!

---

Frank T. van Manen, Interagency Grizzly Bear Study Team, U.S. Geological Survey, Phone 406-994-5043  
[www.usgs.gov/norock/igbst](http://www.usgs.gov/norock/igbst)

**FOR ALL FOIA REQUESTS RELATED To Dan Fagre, Facebook, and Glacier Visit**

---

**Upcoming Dan Fagre meeting with Mark Zuckerberg**

Ball, Lianne <lball@usgs.gov>

Ju  
n  
22

to Anne-Berry, Anne, me, Claudia, William, Colette, Suzanna, Melanie, Daniel, Steven, Justin, Ryan

Hi AB,

Steve Hilburger just told Melanie Steinkamp and me that Facebook founder Mark Zuckerberg has scheduled a meeting with Dan Fagre in July. That's great! In Ecosystems he's funded by the Environments Program, and Melanie is the PC.

Steve said that Anne has some talking points that could be helpful to get ahead of some of the things folks need to get ahead of.

We'll coordinate with Anne to get those ideas to NOROCK.

Thanks,

Lianne

---

**Fwd: Facebook Visit to Glacier**

Wade, Anne-Berry <abwade@usgs.gov>

Ju  
n  
22

to Lianne, Steven, me

here's the email. feel free to forward to those who should know.

A.B. Wade  
[USGS](#) Press Officer  
703-648-4483 desk  
703-317-7871 mobile

----- Forwarded message -----  
From: **Justin Pressfield** <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>

Date: Thu, Jun 22, 2017 at 3:17 PM  
Subject: Fwd: Facebook Visit to Glacier  
To: Barbara Wainman <[bwainman@usgs.gov](mailto:bwainman@usgs.gov)>, AB Wade <[abwade@usgs.gov](mailto:abwade@usgs.gov)>, Karen Armstrong <[karmstrong@usgs.gov](mailto:karmstrong@usgs.gov)>, Leslie Jones <[ljones@usgs.gov](mailto:ljones@usgs.gov)>

Justin Pressfield  
US Department of the Interior  
US Geological Survey  
Chief of Communications, West  
Mobile: (916) 335-1211  
**Error! Filename not specified.**

Begin forwarded message:

**From:** "Soileau, Suzanna" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>  
**Date:** June 22, 2017 at 11:56:18 AM PDT  
**To:** Daniel Fagre <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>  
**Cc:** Paul Laustsen <[plaustsen@usgs.gov](mailto:plaustsen@usgs.gov)>, Ryan McClymont <[rmcclymont@usgs.gov](mailto:rmcclymont@usgs.gov)>, Scott Horvath <[shorvath@usgs.gov](mailto:shorvath@usgs.gov)>, Justin Pressfield <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>, "Regan, Claudia" <[cregan@usgs.gov](mailto:cregan@usgs.gov)>  
**Subject: Fwd: Facebook Visit to Glacier**

Hi Dan -

Pretty exciting opportunity coming our way. Mark Zuckerberg, CEO of Facebook, is traveling to Glacier and they have asked if you could join them in the field on July 15.

This is an incredible opportunity and I hope that you can make time or have one of your staff be available. See details below and let me know.

Thanks!

----- Forwarded message -----  
From: **Alley, Lauren** <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>  
Date: Thu, Jun 22, 2017 at 12:47 PM  
Subject: Re: Facebook Visit to Glacier  
To: [derickmains@fb.com](mailto:derickmains@fb.com)  
Cc: "Suzanna C. Soileau" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

Derick,

Thanks for getting in touch about this upcoming visit.

I'll be your point of contact for coordinating this trip.

Let's set up a time next week to talk through some of these details. I'm also including USGS Public Affairs Specialist Suzanna Soileau on this email as you asked about including Dan Fagre in the group.

My schedule is fairly open next Monday and Wednesday. Do you have a time that works on either of those days?

**Lauren Alley**  
Management Assistant  
Glacier National Park

406.888.5838

----- Forwarded message -----

From: **Johnson, Kyle** <[kyle\\_johnson@nps.gov](mailto:kyle_johnson@nps.gov)>

Date: Wed, Jun 21, 2017 at 2:49 PM

Subject: Fwd: Facebook Visit to Glacier

To: "Alley, Lauren" <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>, "Austin, Paul" <[paul\\_austin@nps.gov](mailto:paul_austin@nps.gov)>

Lauren,

Conferenced with Derick yesterday and this is what he sent me today. Please contact him and let him know you will be the point of contact for the visit.

Thanks for your help.

----- Forwarded message -----

From: **Derick Mains** <[derickmains@fb.com](mailto:derickmains@fb.com)>

Date: Wed, Jun 21, 2017 at 12:20 PM

Subject: Facebook Visit to Glacier

To: "Johnson, Kyle" <[kyle\\_johnson@nps.gov](mailto:kyle_johnson@nps.gov)>

Cc: Derick Mains <[derickmains@fb.com](mailto:derickmains@fb.com)>

Hi Kyle,

Thanks for the time over the phone yesterday. It was good to catch up.

As I mentioned, as part of a personal challenge for 2017, Mark is spending the year traveling across the country visiting approximately the 30 states he's never been to. In doing so he has several different goals; to get out of his bubble here at Facebook and in Northern California, to visit communities and meet people he wouldn't otherwise wouldn't and most importantly learn. [Here](#) is a story the NY Times did on his travels.

We try to develop themes for the areas and people he meets with. So far, we haven't really done anything around natural resources and people who work to manage public lands. Earlier in the trip he'll be visiting a North Dakota community involved in oil production and thought that a visit to Glacier, where the effects of global warming have been widely documented, would be a good balance.

Mark would like to meet with people involved with the stewardship of the Park. This could include Superintendent Mow, park rangers, park volunteers, someone from the Glacier Institute and someone involved in the study of climate change on the park (someone from the USGS and/or Portland State who worked on [this](#) study). If you are free, I'd like you to attend to be able talk to Mark about your 30 years in the park and your role as a backcountry ranger.

We'd also like to do this meeting a little differently. Rather than at Park HQ in a conference room we'd like to do it in a Jammer heading up the Pass. Thought is to take the meeting outside and talk about the Park in the Park. It would be great to drive up to the Pass, get out and walk the boardwalk to the Hidden Lake overlook. This would give mark the opportunity to informally interact with some of the visitors along with giving us some great photos. Let me know if you have a contact at Xanterra I could talk to about renting a Jammer for the day.

***Ideal schedule***

Saturday July 15 *(these times might get pushed back an hour or two)*

**Noon:** Mark arrives Park HQ, greeted by Superintendent Mow

**12:15** Group (people mentioned above) pile into a Jammer and head up the Going to the Sun Road

**12-15 – 1:15:** Drive the GTS to Logan Pass (discussion/meeting along the way)

**1:15 – 2:00:** Hike to Hidden Lake Overlook

**2:15 – 3:15:** Drive to West Glacier (in Facebook vehicle en route to another visit)

***Possible attendees***

Superintendent Mow

Chief Ranger Paul Austin

Ranger Kyle Johnson

3-4 Park volunteers (your call here, would be great to have some of the retired folks you mentioned)

Glacier Institute Executive Director Joyce Baltz (or someone else)

USGS Research Ecologist Daniel B Fagre

*\* Happy to have your PIO or social media lead join to document the visit*

Also, it would be great if you could be the liaison with our security team as you've coordinated these types of visits to Glacier.

Let me know what you think of this.

Derick

--

Kyle Johnson  
US Park Ranger  
Wilderness Specialist  
(406) 888-7838  
[Kyle\\_Johnson@nps.gov](mailto:Kyle_Johnson@nps.gov)

--

Suzanna

~~~~~

Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

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Rudyard Kipling, The Explorer

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Ball, Lianne <[lball@usgs.gov](mailto:lball@usgs.gov)>

Ju  
n  
23

to Colette, Melanie, Suzanna, me

Hey guys

The schedule/program is HEAVY on NPS.

In addition to putting Dan in some USGS gear, I think the talking points should include something specific about [excellent USGS research](#)

Oh...hows about a beautiful photograph of scientists working (USGS of course) on a Glacier and signed by the folks. Framed and presented to Mark? He's all about **people**.....so he doesn't know anything about how its people that conduct research. If there's a great photo and the people aren't all decked out in USGS t shirts....we could superimpose the USGS legend on the bottom left

Lianne

---



Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

Ju  
n  
23

to Lianne, Colette, Melanie, me

Hi All - Maybe we can get on a call next week after my call with NPS and the FB rep? Would Thursday work?

Also, Dan gave Deb Willard a heads up, so should we bring her group in, as well on the planning?

---



Ball, Lianne <[lball@usgs.gov](mailto:lball@usgs.gov)>

Ju  
n  
23

to Suzanna, Colette, Melanie, me

Hi Suzanna,

Sure bring Deb Willard in. I'll be moving next Thursday but as long as Im not on the Metro..(possibly 12 EST) I'll call in

---

Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

Ju  
n  
23

to Lianne, Colette, Melanie, me

All - 12 eastern works for me. I will send an email out to everyone and see how that works for all.

---

Catherine Puckett <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

Ju  
n  
23

to dwillard, ssoileau

FYI, Deb. Way cool

Sent from my iPhone

Begin forwarded message:

**From:** "Ball, Lianne" <[lball@usgs.gov](mailto:lball@usgs.gov)>

**Date:** June 23, 2017 at 8:53:03 AM EDT

**To:** Colette Charbonneau <[ccharbonneau@usgs.gov](mailto:ccharbonneau@usgs.gov)>, Melanie Steinkamp <[msteinkamp@usgs.gov](mailto:msteinkamp@usgs.gov)>, "Puckett, Catherine" <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>, Suzanna Soileau <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

---

Soileau, Suzanna <ssoileau@usgs.gov>

Ju  
n  
23

to me

I did call Dan last night and make sure he sent Deb a note since EMA was getting involved. This at least was a good on top of the bad yesterday!

---

Willard, Debra <dwillard@usgs.gov>

Ju  
n  
23

to me

Yep - Dan mentioned it to me this morning. Wish I could go!

---

Debra A. Willard, PhD  
US Geological Survey  
Coordinator, Climate Research & Development Program  
12201 Sunrise Valley Drive, Rm 4B 318  
926A National Center  
Reston, VA 20192  
phone: 703-648-5320  
e-mail: [dwillard@usgs.gov](mailto:dwillard@usgs.gov)  
<https://profile.usgs.gov/dwillard>

---

**Upcoming meeting with facebook Mark Zuckerberg**

Ju  
n  
22

Ball, Lianne <lball@usgs.gov>

to Colette, Melanie, me

Hey Collete

Hilburger and Anne just had a meeting with AB Wade and she had been notified that our scientist Dan Fagre at NOROCK who's been getting big time press about his work on the ecological consequences of glaciers retreating got contacted by facebook folks (he wasn't friended..I asked)..Mark Zuckerberg wants to come visit Glacier NP and meet him!

Anne had some talking point ideas she wanted to pass on to Dan.

The meeting is in July but I dont know more than that.....

Melanie or I will reach out to AB Wade for outreach guidance....but we'd like to hear from Anne about what she wanted Dan to say/consider.....

---

**Charbonneau, Colette <ccharbonneau@usgs.gov>**

Ju  
n  
23

to Lianne, Melanie, me

Early, mid or late July?

It's going to be hard to have Anne focus on this until week of July 3. She's at WGA all next week.

~~~~~  
Colette Charbonneau, Chief of Staff  
Ecosystems Mission Area  
U.S. Geological Survey  
12201 Sunrise Valley Dr., MS 300  
Reston, VA 20192  
703-648-4052 Office, 571-373-2641 Cell  
[ccharbonneau@usgs.gov](mailto:ccharbonneau@usgs.gov)

<https://www.usgs.gov/science/mission-areas/ecosystems>

---



**Ball, Lianne <lball@usgs.gov>**

Ju  
n  
23

to Colette, Melanie, me

July 15th

---

**Charbonneau, Colette <ccharbonneau@usgs.gov>**

Ju  
n  
23

to Lianne, Melanie, me

Brought this up with Anne this morning:

She wants Dan to know he will be representing all of USGS, not just his science and center. Dan should be prepared to describe what we do as an agency as a whole.

Dan should stick to the facts when speaking on his science, be authentic and genuine.

Anne would like to have a 'brainstorming' session with you all and Dan before the 15th to talk through priority talking points.

Anne will be back in the office the week of July 3. Please let me know when you'd like to schedule.

Thanks - Colette

---

**Puckett, Catherine** <cpuckett@usgs.gov>

Ju  
n  
26

to Suzanna

at some point, we will need to put this in the report -- may want to ask Justin and Paul when and what to put in. When it does go in, could you let me know because AB will likely want to give DOI a heads up. Catherine



Catherine Puckett

Deputy Public Affairs Officer

USGS Office of Communications

352-377-2469 (O) 352-278-0165 (cell)

[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

---

**Soileau, Suzanna** <ssoileau@usgs.gov>

Ju  
n  
26

to me

Yes - I have a meeting with FB this week and thought I could place it in my report this week once I know more details :)

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

~~~~~  
“Something hidden. Go and find it. Go and look behind the Ranges- Something lost behind the Ranges. Lost and waiting for you. Go!”

Rudyard Kipling, The Explorer

**CONFIDENTIALITY NOTICE:**

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**Puckett, Catherine <cpuckett@usgs.gov>**

Ju  
n  
26

to Suzanna

ha ha, i bet you smiled writing that -- I have a meeting with FB this week.

---

**Prep for July 15 Faceook event in Glacier National Park**

Ju  
n  
23

**Soileau, Suzanna <ssoileau@usgs.gov>**

to Daniel, Lianne, Debra, Colette, Melanie, me, Ryan, Claudia

Hi All - As you have heard, Dan Fagre and I will be joining our NPS partners in Glacier National Park to accompany Facebook CEO Mark Zuckerberg on a park tour as part of a larger outdoor media campaign.

USGS will join the group and discuss our work in mountain ecosystem and Dan's years of research on glaciers.

I wanted to see everyone's availability on Thursday, June 29 at noon eastern for a call to prep?

**If inquiries on Mark Zuckerberg visit to Glacier National Park, refer to Justin, copy Catherine**

Puckett, Catherine <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

Jul  
17

to GS-DO-OCAP-OC-.

Justin Pressfield, [jpressfield@usgs.gov](mailto:jpressfield@usgs.gov), 916-278-9500  
Catherine Puckett, [cpuckett@usgs.gov](mailto:cpuckett@usgs.gov), 352-377-2469



**Catherine Puckett**  
**Deputy Public Affairs Officer**  
**USGS Office of Communications**  
**352-377-2469 (O) 352-278-0165 (cell)**  
[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

----- Forwarded message -----

From: **Demas, Alex** <[apdemas@usgs.gov](mailto:apdemas@usgs.gov)>  
Date: Mon, Jul 17, 2017 at 12:20 PM  
Subject: Fwd: Urgent inquiry for timely story  
To: Catherine E Puckett <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>, Suzanna Soileau <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

FYI

----- Forwarded message -----

From: **Jake Horowitz** <[jhorowitz@mic.com](mailto:jhorowitz@mic.com)>  
Date: Mon, Jul 17, 2017 at 12:15 PM  
Subject: Urgent inquiry for timely story  
To: [apdemas@usgs.gov](mailto:apdemas@usgs.gov)

Alex,

My name is Jake Horowitz, I'm the co-founder of Mic. I'm trying to get in touch because I'm working on an important story surrounding Mark Zuckerberg's trip to Glacier National Park. It's quite timely and I'd like to connect ASAP (also tried texting you).

Do you have a few mins? (914 527 2864)

Thank you  
Jake

Co-founder, Editor-at-large

**Jake Horowitz**

[@jacobdhorowitz](https://twitter.com/jacobdhorowitz) | 914-527-2864

Swanjord, Kent <knswanjord@usgs.gov>

Jul  
17

to SIS-All, Alex, Justin, me

---

Puckett, Catherine <cpuckett@usgs.gov>

Jul  
17

to Emily

For any questions regarding Glacier National Park and Mark Zuckerberg, please send inquiries to Justin Pressfield, copying Catherine Puckett.

---

**Fwd: Outstanding media inquiry on glacier**

Betsy Hildebrandt <bhildebrandt@usgs.gov>

Jul  
17

to jpressfield, me, ljones

Send all incoming to heather. Thanks all

Sent from my iPhone

Begin forwarded message:

**From:** "Swift, Heather" <[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)>  
**Date:** July 17, 2017 at 2:10:30 PM EDT  
**To:** Betsy Hildebrandt <[bhildebrandt@usgs.gov](mailto:bhildebrandt@usgs.gov)>  
**Cc:** Laura Rigas <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)>  
**Subject:** Re: Outstanding media inquiry on glacier

Happy to take them.

-

Heather Swift  
Department of the Interior  
@DOIPressSec  
[Heather\\_Swift@ios.doi.gov](mailto:Heather_Swift@ios.doi.gov) | [Interior\\_Press@ios.doi.gov](mailto:Interior_Press@ios.doi.gov)

On Mon, Jul 17, 2017 at 2:09 PM, Betsy Hildebrandt <[bhildebrandt@usgs.gov](mailto:bhildebrandt@usgs.gov)> wrote:  
Wonderful. So assuming we should direct incoming your way?

Sent from my iPhone

On Jul 17, 2017, at 1:58 PM, Swift, Heather <[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)> wrote:

Thanks - Betsy, here is our if asked statement:

*As with any celebrity appearance that might attract national attention, Mr. Zuckerberg's visit to Glacier National Park was highlighted to the national offices.*

*After reviewing the event proposal which was sent to the National Park Service, the NPS and Interior made a number of park officials available for the personal tour. He was given first-class treatment by the park rangers and had the opportunity to interact with a number of park officials and Gracie the "bark ranger" during his visit which came at the height of the busy season.*

*Allocating government funds, personnel, and resources responsibly is the definition of good government and something we are dedicated to advancing at the Department.*

-

Heather Swift  
Department of the Interior  
@DOIPressSec  
[Heather\\_Swift@ios.doi.gov](mailto:Heather_Swift@ios.doi.gov) | [Interior\\_Press@ios.doi.gov](mailto:Interior_Press@ios.doi.gov)

On Mon, Jul 17, 2017 at 1:47 PM, Betsy Hildebrandt <[bhildebrandt@usgs.gov](mailto:bhildebrandt@usgs.gov)> wrote:  
Heather reporter just now forwarding specific question. Will flip to u asap

Sent from my iPhone

Begin forwarded message:

**From:** "Swift, Heather" <[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)>  
**Date:** July 17, 2017 at 1:13:45 PM EDT  
**To:** "Hildebrandt, Betsy" <[bhildebrandt@usgs.gov](mailto:bhildebrandt@usgs.gov)>  
**Subject:** Re: Outstanding media inquiry on glacier

TY - Doesn't hurt to find out baseline facts before responding to a media inquiry. Will be back to you shortly.

-

Heather Swift  
Department of the Interior  
@DOIPressSec  
[Heather\\_Swift@ios.doi.gov](mailto:Heather_Swift@ios.doi.gov) | [Interior\\_Press@ios.doi.gov](mailto:Interior_Press@ios.doi.gov)

On Mon, Jul 17, 2017 at 1:01 PM, Hildebrandt, Betsy <[bhildebrandt@usgs.gov](mailto:bhildebrandt@usgs.gov)> wrote:  
tried to call you back. have confirmed no one from USGS attended

On Mon, Jul 17, 2017 at 12:49 PM, Hildebrandt, Betsy <[bhildebrandt@usgs.gov](mailto:bhildebrandt@usgs.gov)> wrote:  
National Park Traveler is the other. I realize these aren't top tier but likely to be tip of iceberg if we don't respond



On Mon, Jul 17, 2017 at 12:48 PM, Hildebrandt, Betsy <[bhildebrandt@usgs.gov](mailto:bhildebrandt@usgs.gov)> wrote:  
Jake Horowitz from Mic ... one other outlet calling as well.

On Mon, Jul 17, 2017 at 12:47 PM, Swift, Heather <[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)> wrote:  
Thanks, Betsy. Who is the reporter?

-

Heather Swift  
Department of the Interior  
@DOIPressSec  
[Heather\\_Swift@ios.doi.gov](mailto:Heather_Swift@ios.doi.gov) | [Interior\\_Press@ios.doi.gov](mailto:Interior_Press@ios.doi.gov)

On Mon, Jul 17, 2017 at 12:26 PM, Hildebrandt, Betsy <[bhildebrandt@usgs.gov](mailto:bhildebrandt@usgs.gov)> wrote:  
Heather, reporter from Mic calling questioning why USGS scientist didn't participate in Zuckerberg's tour. He's hearing dept made that call. Just tried to call your office but want guidance before I call him back (would tell him Park service was the lead and they felt they had it covered but he should call them or Dept with any follow up)

I'm heading to the dept in 30 minutes but you can call me at 703 648 5750 or my cell 202 713 0828

---

## Fwd: Urgent inquiry for timely story

Demas, Alex <[apdemas@usgs.gov](mailto:apdemas@usgs.gov)>

Jul  
17

to me, Suzanna

FYI

----- Forwarded message -----

From: **Jake Horowitz** <[jhorowitz@mic.com](mailto:jhorowitz@mic.com)>

Date: Mon, Jul 17, 2017 at 12:15 PM

Subject: Urgent inquiry for timely story

To: [apdemas@usgs.gov](mailto:apdemas@usgs.gov)

Alex,

My name is Jake Horowitz, I'm the co-founder of Mic. I'm trying to get in touch because I'm working on an important story surrounding Mark Zuckerberg's trip to Glacier National Park. It's quite timely and I'd like to connect ASAP (also tried texting you).

Do you have a few mins? (914 527 2864)

Thank you  
Jake

Co-founder, Editor-at-large

**Jake Horowitz**

[@jacobdhorowitz](#) | 914-527-2864

---

**Demas, Alex** <[apdemas@usgs.gov](mailto:apdemas@usgs.gov)>

Jul  
17

to Jake, bcc: me

Hi Jake, sorry I missed your call. We see that you're on a deadline and we're working on a reply and we'll be back with you as soon as possible.

Bon temps,  
Alex

---

**Demas, Alex** <[apdemas@usgs.gov](mailto:apdemas@usgs.gov)>

Jul  
17

to Justin, me

Thoughts?

Bon temps,  
Alex

----- Forwarded message -----  
From: **Jake Horowitz** <[jhorowitz@mic.com](mailto:jhorowitz@mic.com)>  
Date: Mon, Jul 17, 2017 at 1:24 PM  
Subject: Re: Urgent inquiry for timely story  
To: "Demas, Alex" <[apdemas@usgs.gov](mailto:apdemas@usgs.gov)>

Got it, thank you for the response. But in terms of reply, I have a very specific question that I'm looking to talk to someone about. (Not for a broad comment about the trip). Would it be helpful to run the matter by you (or someone else) briefly?

---

**Puckett, Catherine** <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

Jul  
17

to Alex, Justin

Alex -- tell him to send his question to Justin, copying me.

---



Catherine Puckett  
Deputy Public Affairs Officer  
USGS Office of Communications  
352-377-2469 (O) 352-278-0165 (cell)  
[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

---

Carter, Shawn <[scarter@usgs.gov](mailto:scarter@usgs.gov)>

Jul  
17

to Jake, me, Justin

Hey Jake,

Hard to know if I'm the one you need based on these details. I'm adding our communications folks (Catherine and Justin) who handle that area and they can surely give you great contacts and information. Thanks.

On Mon, Jul 17, 2017 at 1:21 PM, Jake Horowitz <[jhorowitz@mic.com](mailto:jhorowitz@mic.com)> wrote:  
Shawn,

My name is Jake Horowitz, I'm the co-founder of Mic. I'm trying to get in touch because I'm working on an important story surrounding Mark Zuckerberg's trip to Glacier National Park. I was told you might be the person who can answer my question. It's quite timely and I'd like to connect ASAP (also tried calling you).

Do you have a few mins? ([914 527 2864](tel:9145272864))

Thank you  
Jake

Co-founder, Editor-at-large

**Jake Horowitz**

[@jacobdhorowitz](https://twitter.com/jacobdhorowitz) | 914-527-2864

--

Shawn L. Carter

Senior Scientist  
National Climate Change & Wildlife Science Center  
12201 Sunrise Valley Dr. MS-516  
Reston, VA 20192

<http://nccwsc.usgs.gov>

[scarter@usgs.gov](mailto:scarter@usgs.gov)

703-648-4085 w

571-314-2788 c

*Enjoy when you can, and endure when you must.*

—Johann Wolfgang von Goethe (1749 - 1832)

**Demas, Alex** <[apdemas@usgs.gov](mailto:apdemas@usgs.gov)>

Jul  
17

to Jake, bcc: me

Hi Jake,

It would probably be best to run it by Justin Pressfield and Catherine Puckett. Their contact information is as follows:

Justin Pressfield

[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)

Catherine Puckett

[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

Bon temps,  
Alex



**Jake Horowitz** [jhorowitz@mic.com](mailto:jhorowitz@mic.com) via [gmail.com](mailto:jhorowitz@mic.com)

Jul  
17

to Shawn, me, Justin

Thank you Shawn. Catherine and Justin, I've left a few messages with various members of the staff. Do you have a few minutes to connect ASAP?

Thank you and much appreciated

---

**Pressfield, Justin** <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>

Jul  
17

to Jake, Shawn, me

Hi Jake,

I am right in the middle of some other stuff right now, but I want to respect your deadline. Can I circle back to you when I get up for air in an hour or two, please?

-Justin



**Justin Pressfield**  
Chief of Communications | Western States  
U.S. Geological Survey | Department of the Interior  
Mobile: 916.335.1211 | Office: 916.278.9500



Jake Horowitz [jhorowitz@mic.com](mailto:jhorowitz@mic.com) via [gmail.com](#)

Jul  
17

to Justin, Shawn, me

Yes, that's great. I'm 914 527 2864 as soon as you get a moment.

Pressfield, Justin <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>

Jul  
17

to Betsy, me

Betsy,

See below. -Justin



**Justin Pressfield**  
Chief of Communications | Western States  
U.S. Geological Survey | Department of the Interior  
Mobile: 916.335.1211 | Office: 916.278.9500

Betsy Hildebrandt <[bhildebrandt@usgs.gov](mailto:bhildebrandt@usgs.gov)>

Jul  
17

to Alex, [jpressfield](#), me

Thanks Alex. Let's get the specific question asap. Need it to help heather provide adequate guidance

Sent from my iPhone

Pressfield, Justin <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>

Jul  
17

to Jake, me

Jake,

While I am unable to talk on the phone in this meeting, could you shoot me your specific question via email? Maybe I could respond quicker that way. Thanks.



**Justin Pressfield**  
Chief of Communications | Western States  
U.S. Geological Survey | Department of the Interior  
Mobile: 916.335.1211 | Office: 916.278.9500



Jake Horowitz [jhorowitz@mic.com](mailto:jhorowitz@mic.com) via [gmail.com](#)

Jul  
17

to Justin, me

Hey Justin,

I'd prefer to run my question by you over the phone since it involves a sensitive matter surrounding a tip I received about Zuckerberg's trip. Ok for us to chat when your meeting wraps up? (914-527-2864)

Thank you

Pressfield, Justin <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>

Jul  
17

to me

FYI



**Justin Pressfield**  
Chief of Communications | Western States  
U.S. Geological Survey | Department of the Interior  
Mobile: 916.335.1211 | Office: 916.278.9500

----- Forwarded message -----

From: **Pressfield, Justin** <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>

Date: Mon, Jul 17, 2017 at 11:18 AM

Subject: Fwd: Urgent inquiry for timely story

To: Betsy Hildebrandt <[bhildebrandt@usgs.gov](mailto:bhildebrandt@usgs.gov)>, "Swift, Heather" <[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)>

Heather,

Hope you are well. Based on directions you gave for us, this one is coming your way. See below.

-Justin



**Justin Pressfield**  
Chief of Communications | Western States  
U.S. Geological Survey | Department of the Interior  
Mobile: 916.335.1211 | Office: 916.278.9500

----- Forwarded message -----

From: **Pressfield, Justin** <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>  
Date: Mon, Jul 17, 2017 at 11:16 AM  
Subject: Re: Urgent inquiry for timely story  
To: Jake Horowitz <[jhorowitz@mic.com](mailto:jhorowitz@mic.com)>

Jake,

I am going to send you over to Heather Swift at the Department of Interior's Communications Office.

Here's her email:

[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)

-Justin



**Justin Pressfield**  
Chief of Communications | Western States  
U.S. Geological Survey | Department of the Interior  
Mobile: 916.335.1211 | Office: 916.278.9500

---

## Fwd: Media inquiry to Facebook

Suzanna Soileau <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

Jul  
17

to Justin, Claudia, me

FYI

Sent from my phone,

Suzanna

---

**From:** "Alley, Lauren" <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>  
**Subject:** Media inquiry to Facebook  
**Date:** 17 July 2017 15:37  
**To:** Patrick O'Driscoll <[patrick\\_o'driscoll@nps.gov](mailto:patrick_o'driscoll@nps.gov)>,"Barnum, Jeremy" <[jeremy\\_barnum@nps.gov](mailto:jeremy_barnum@nps.gov)>,"Suzanna C. Soileau" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>  
All -

I wanted to pass along that I just got a call from Facebook indicating that they had received a call from [mic.com](http://mic.com) inquiring about their visit to the park and the people the park arranged to meet with them.

They provided that they had a great visit and had good conversations with folks about relevant topics including climate change and that they rely on the agency/entity hosting them to come up with the proper configuration of people for Mr. Zuckerberg to meet with.

Facebook does not plan on providing more beyond this to other inquiries.

I thanked Facebook for the heads up.

**Lauren Alley**  
Management Assistant  
Glacier National Park  
406.888.5838

---

## **MIC: Exclusive: Trump administration pulled top climate expert from Mark Zuckerberg's national park visit**

Justin Pressfield <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>

Jul  
17

to Betsy, me, Leslie, AB, Claudia, Suzanna, Paul, Richard, dan\_fagre

<https://m.mic.com/articles/182356/exclusive-trump-administration-pulled-top-climate-expert-from-mark-zuckerbergs-national-park-visit#.qMPFqbH2z>

---

Puckett, Catherine <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

Jul  
18

to Justin

So we will get more calls -- all of them will go to the department/to Heather? We can't have a talking point or a statement? I did think of 4 questions we, or NOROC, will be asked about what happened. But all of those questions will go to Interior? USGS can't or won't have a talking point or a statement? Concerned that won't work . . . my two cents



Oh, Suzanna is on leave now for a week, I think, but she said she will stay plugged in and as available as possible. But Claudia Regan will undoubtedly request advice from you, especially with Suzanna not on site.

Catherine



Catherine Puckett  
Deputy Public Affairs Officer  
USGS Office of Communications  
352-377-2469 (O) 352-278-0165 (cell)  
[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

---

**Fwd: Dan Fagre not allowed to attend Glacier NP tour**

Willard, Debra <[dwillard@usgs.gov](mailto:dwillard@usgs.gov)>

Jul  
18

to me

Did you see this?

---

Debra A. Willard, PhD  
US Geological Survey  
Coordinator, Climate Research & Development Program  
12201 Sunrise Valley Drive, Rm 4B 318  
926A National Center  
Reston, VA 20192  
phone: 703-648-5320  
e-mail: [dwillard@usgs.gov](mailto:dwillard@usgs.gov)  
<https://profile.usgs.gov/dwillard>

----- Forwarded message -----

From: **Virginia Burkett** <[virginia\\_burkett@usgs.gov](mailto:virginia_burkett@usgs.gov)>  
Date: Tue, Jul 18, 2017 at 9:22 AM  
Subject: Dan Fagre not allowed to attend Glacier NP tour  
To: [dbeard@usgs.gov](mailto:dbeard@usgs.gov), [dwillard@usgs.gov](mailto:dwillard@usgs.gov), [skomlos@usgs.gov](mailto:skomlos@usgs.gov)

[Exclusive: Trump administration pulled top climate expert from Mark ...](#)

[climate change](#) expert at the United States Geological Survey was set to join Facebook's [Mark Zuckerberg](#) in Montana last weekend to discuss the impact of global warming at Glacier National Park, but two sources with knowledge of the matter say the scientist was pulled from the visit by the U.S. Department of Interior just days before the event...

**Puckett, Catherine** <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

Jul  
18

to Douglas, Debra

yes; call me if you'd like.



**Catherine Puckett**  
**Deputy Public Affairs Officer**  
USGS Office of Communications  
352-377-2469 (O) 352-278-0165 (cell)  
[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

---

any traction on GNP story on Social Media (Fagre and visit, not Zuckerberg post)?

**Puckett, Catherine** <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

Jul  
18

to Scott

Just curious if it's reached twitter yet in particular  




Catherine Puckett  
Deputy Public Affairs Officer  
USGS Office of Communications  
352-377-2469 (O) 352-278-0165 (cell)  
[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

---

Puckett, Catherine <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

Jul  
18

to Betsy, Justin

Please see below, Betsy. Dan didn't remember that Justin is point.

So I need guidance -- and/or Justin -- Basically, Dan told WP reporter that he was invited, then it was canceled by DOI, he doesn't know why. He referred them to DOI (Heather), they want to talk to USGS.

Catherine



Catherine Puckett  
Deputy Public Affairs Officer  
USGS Office of Communications  
352-377-2469 (O) 352-278-0165 (cell)  
[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

----- Forwarded message -----

From: **Fagre, Daniel** <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>

Date: Tue, Jul 18, 2017 at 1:04 PM

Subject: Re: High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)

To: "Puckett, Catherine" <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

Cc: Betsy Hildebrandt <[betsy\\_hildebrandt@fws.gov](mailto:betsy_hildebrandt@fws.gov)>, "Pressfield, Justin" <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>, Douglas Beard <[dbeard@usgs.gov](mailto:dbeard@usgs.gov)>, Claudia Regan <[cregan@usgs.gov](mailto:cregan@usgs.gov)>, Anne E Kinsinger <[akinsinger@usgs.gov](mailto:akinsinger@usgs.gov)>

Catherine,  
Lisa Rein from Washington Post will be calling you. I spoke to her and referred her to Heather but she wanted to talk to a USGS person. I indicated that I didn't know why my participation was canceled. Other than that, I gave her some information on Glacier Park (where Logan Pass is) and what my research entails.  
Good luck.  
Dan

On Tue, Jul 18, 2017 at 9:55 AM, Puckett, Catherine <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)> wrote:  
<http://thehill.com/policy/energy-environment/342501-interior-department-cancelled-climate-expert-meeting-with>



Catherine Puckett  
Deputy Public Affairs Officer  
USGS Office of Communications  
352-377-2469 (O) 352-278-0165 (cell)  
[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

---

**Statement requested asap: hi Catherine from Lisa Rein at the POst**

Puckett, Catherine <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

Jul  
18

to Justin, Betsy

Justin/Betsy: See below. Background is that Dan Fagre talked to Lisa; he said he was invited, then asked to not participate, didn't know why. (same as what we know.) Lisa said she has to talk to someone at USGS as well, not just Heather. Justin -- you are POC -- do you want to take this and reply?

Catherine  




Catherine Puckett  
Deputy Public Affairs Officer  
USGS Office of Communications  
352-377-2469 (O) 352-278-0165 (cell)  
[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

----- Forwarded message -----

From: **Rein, Lisa** <[Lisa.Rein@washpost.com](mailto:Lisa.Rein@washpost.com)>  
Date: Tue, Jul 18, 2017 at 1:51 PM  
Subject: hi Catherine from Lisa Rein at the POst  
To: "[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)" <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

I left you a message,, not sure if that was your voice mail or your cell. Need to speak w. you ASAP about Mark Zuckerberg visit to Glacier over the weekend. Heather Swift not responding to my emails. Need a comment. Posting soon online. Thanks much

Lisa Rein  
Staff Reporter  
Washington Post  
202-334-5190  
Cell 202-821-3120  
@Reinlwapo  
[Send me a confidential tip](#)

---

**hi Catherine from Lisa Rein at the POst**

Rein, Lisa <[Lisa.Rein@washpost.com](mailto:Lisa.Rein@washpost.com)>

Jul  
18

to me

I left you a message,, not sure if that was your voice mail or your cell. Need to speak w. you ASAP about Mark Zuckerberg visit to Glacier over the weekend. Heather Swift not responding to my emails. Need a comment. Posting soon online. Thanks much

Lisa Rein  
Staff Reporter  
Washington Post  
202-334-5190  
Cell 202-821-3120  
@Reinlwapo  
[Send me a confidential tip](#)

Puckett, Catherine <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

Jul  
18

to Justin

I'm forwarding you this inquiry as USGS POC.  
Catherine



Catherine Puckett  
Deputy Public Affairs Officer  
USGS Office of Communications  
352-377-2469 (O) 352-278-0165 (cell)  
[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

---

**Fwd: Washington Post**

Hildebrandt, Betsy <[bhildebrandt@usgs.gov](mailto:bhildebrandt@usgs.gov)>

Jul  
18

to me, Justin, Leslie

Covered. Thanks all.

----- Forwarded message -----

From: **Swift, Heather** <[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)>

Date: Tue, Jul 18, 2017 at 2:41 PM

Subject: Re: Washington Post

To: "Hildebrandt, Betsy" <[bhildebrandt@usgs.gov](mailto:bhildebrandt@usgs.gov)>

Cc: Laura Rigas <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)>

Thanks, Betsy. I gave her our statement.

-

Heather Swift  
Department of the Interior  
@DOIPressSec  
[Heather\\_Swift@ios.doi.gov](mailto:Heather_Swift@ios.doi.gov) | [Interior\\_Press@ios.doi.gov](mailto:Interior_Press@ios.doi.gov)

On Tue, Jul 18, 2017 at 2:39 PM, Hildebrandt, Betsy <[bhildebrandt@usgs.gov](mailto:bhildebrandt@usgs.gov)> wrote:  
Hi Laura and Heather,

Hoping to speak with one of you asap. We have an incoming from Lisa Reins at Washington Post looking for comment on the Zuckerberg visit to Glacier. Not sure she's been able to reach Heather and she's on deadline so she's called us for comment. Assuming you want to get her the statement you provided the Mic reporter yesterday?

Let me know if you want us to handle differently.

Thanks,  
Betsy

703 648 5750  
cell 202 713 0828

**Justin Pressfield** <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>

Jul  
18

to Betsy, me, Leslie

Ok

---

**Re: hi Dr Pederson from Lisa Rein at the Post**

**Suzanna Soileau** <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

Jul  
18

to cemiller, Paul, Claudia, Gregory, Justin, me

Greg - you can forward her directly to the following:

Heather Swift  
[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)

We have no comment on this.

Suzanna

Sent from my phone.

---

On: 18 July 2017 15:32, "Pederson, Gregory" <[gpederson@usgs.gov](mailto:gpederson@usgs.gov)> wrote:  
Hi all,

Please advise me on how to handle this. Call my office number in my signature line to discuss.

Suzanna is out of the office so I'm seeing media contact advice.

-Greg

---

Gregory T. Pederson  
Research Scientist  
U.S. Geological Survey  
Northern Rocky Mtn. Sci. Center  
2327 University Way (Suite 2)  
Bozeman, MT 59715  
ph: +01-406-994-7390  
email: [gpederson@usgs.gov](mailto:gpederson@usgs.gov)  
web: <https://www.usgs.gov/norock>

----- Forwarded message -----

From: **Rein, Lisa** <[Lisa.Rein@washpost.com](mailto:Lisa.Rein@washpost.com)>  
Date: Tue, Jul 18, 2017 at 12:21 PM  
Subject: hi Dr Pederson from Lisa Rein at the Post  
To: "[gpederson@usgs.gov](mailto:gpederson@usgs.gov)" <[gpederson@usgs.gov](mailto:gpederson@usgs.gov)>

Hi there, I left a voice mail at your office but am figuring you may not get it. I see that you've published with Dan Fagre and wonder if you could tell me something about his prominence as a climate expert at Glacier. Doing a piece on deadline about Mark Zuckerberg's visit to Glacier over the weekend and Dr Fagre's briefing being cancelled by DOI

Thanks much! Lisa

Lisa Rein  
Staff Reporter  
Washington Post  
202-334-5190  
Cell 202-821-3120  
@Reinlwapo  
[Send me a confidential tip](#)



**Pederson, Gregory**  
Thanks all. And will do.

Jul 18



**Pederson, Gregory** <[gpederson@usgs.gov](mailto:gpederson@usgs.gov)>

Jul 18

to Lisa, bcc: me

Hi Lisa,



Apologies for missing your call.

For information on this event please contact:

Heather Swift  
[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)

I have no comment on this.

Best Regards,

---

## High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)

Puckett, Catherine <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

Jul  
18

to Betsy, Justin, Daniel, Douglas, Claudia, Anne, bcc: Daniel

<http://thehill.com/policy/energy-environment/342501-interior-department-cancelled-climate-expert-meeting-with>



Catherine Puckett

Deputy Public Affairs Officer  
USGS Office of Communications  
352-377-2469 (O) 352-278-0165 (cell)  
[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

Puckett, Catherine <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

Jul  
18

to Suzanna

can't believe i left you off

---

Puckett, Catherine <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

Jul  
18

to Congressional, Julia, Betsy

see [The Hill](#) story about DOI "canceling Dan Fagre participation in climate/Zuckerberg visit." Important for you all to be aware of because you could get questions. Justin is leading response, but as of yesterday, all inquiries are going to DOI Comms/Heather Swift.

See link below. The first story that came out is [here](#), which involved leaks.

---

Hildebrandt, Betsy <[bhildebrandt@usgs.gov](mailto:bhildebrandt@usgs.gov)>

Jul  
18

to me, Congressional, Julia

All incoming should still go to Dept. Thanks!

---

Fagre, Daniel <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>

Jul  
18

to me, Betsy, Justin, Douglas, Claudia, Anne

Catherine,  
Lisa Rein from Washington Post will be calling you. I spoke to her and referred her to Heather but she wanted to talk to a USGS person. I indicated that I didn't know why my participation was canceled. Other than that, I gave her some information on Glacier Park (where Logan Pass is) and what my research entails.  
Good luck.  
Dan

---

Puckett, Catherine <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

Jul  
18

to Suzanna

---

Suzanna Soileau <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

Jul  
18

to me

Here we go...feel free to let dan know Justin is point.

Suzanna



Regan, Claudia <[cregan@usgs.gov](mailto:cregan@usgs.gov)>

Jul  
18

to Frank, Daniel, Suzanna, me

Thanks for letting us know, Dan.

FYI, keep trying to refer these to DOI. If they need to speak to a USGS person, Justin Pressfield is assigned as the point of contact. So, please refer those inquiries to Justin.

Justin Pressfield, [jpressfield@usgs.gov](mailto:jpressfield@usgs.gov), 916-278-9500

And, please cc Frank van Manen since he is Acting CD in my absence. I will be monitoring voice mail and email closely but i'll be driving this afternoon.

thank you....Claudia

---

**Claudia Regan**  
**Center Director**  
**Northern Rocky Mountain Science Center**  
US Geological Survey  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Email: [cregan@usgs.gov](mailto:cregan@usgs.gov)  
Office: 406-994-7972  
Mobile: 406-404-9978  
**Visit our website at:** <https://www.usgs.gov/norock>

Fagre, Daniel <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>

Jul  
18

to me, Justin, Douglas, Claudia, Anne, Frank, Suzanna

FYI below.

The last two paragraphs have some inaccuracies since I didn't arrange anything - Glacier Park did - and Clint Muhlfeld and Tabitha Graves study the aquatic species and huckleberry responses to climate change.

[https://www.washingtonpost.com/news/powerpost/wp/2017/07/18/mark-zuckerberg-went-to-glacier-to-learn-about-climate-change-but-couldnt-meet-with-the-resident-climate-scientist/?utm\\_term=.2643ec98a06e](https://www.washingtonpost.com/news/powerpost/wp/2017/07/18/mark-zuckerberg-went-to-glacier-to-learn-about-climate-change-but-couldnt-meet-with-the-resident-climate-scientist/?utm_term=.2643ec98a06e)



Beard, Douglas <[dbeard@usgs.gov](mailto:dbeard@usgs.gov)>

Jul  
18

to Betsy, me

Perhaps you've already seen this, but FYI.

Doug

T. Douglas Beard, Jr., Ph.D.  
Acting Associate Director  
Climate and Land Use Mission Area  
MS-516, 12201 Sunrise Valley Drive  
Reston, VA 20192

703-648-4215  
[dbeard@usgs.gov](mailto:dbeard@usgs.gov)

Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

Jul  
19

to me

----- Forwarded message -----

From: **Fagre, Daniel** <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>

Date: Tue, Jul 18, 2017 at 5:24 PM

Subject: Re: High-Profile Story now picked up in the Hill: more calls likely soon (Dan and GNP and Facebook)

To: "Puckett, Catherine" <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

Cc: "Pressfield, Justin" <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>, Douglas Beard <[dbeard@usgs.gov](mailto:dbeard@usgs.gov)>, Claudia Regan <[cregan@usgs.gov](mailto:cregan@usgs.gov)>, Anne E Kinsinger <[akinsinger@usgs.gov](mailto:akinsinger@usgs.gov)>, Frank van Manen <[fvanmanen@usgs.gov](mailto:fvanmanen@usgs.gov)>, "Soileau, Suzanna" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

~~~~~  
“Something hidden. Go and find it. Go and look behind the Ranges- Something lost behind the Ranges. Lost and waiting for you. Go!”

Rudyard Kipling, The Explorer

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**Puckett, Catherine <cpuckett@usgs.gov>**

Jul  
19

to Suzanna

yes, we saw it. Dan was very professional. i know she got two things wrong at the end, but they are not (in my mind) vital enough to correct . . .

**Suzanna Soileau <ssoileau@usgs.gov>**

Jul  
19

to me

Agreed.

Suzanna

---

**Fwd: hi AB from Lisa Rein at the Post**

Anne-Berry Wade <[abwade@usgs.gov](mailto:abwade@usgs.gov)>

Jul  
19

to Betsy, me

----- Forwarded message -----

From: Rein, Lisa <[Lisa.Rein@washpost.com](mailto:Lisa.Rein@washpost.com)>  
Date: Tue, Jul 18, 2017 at 10:42 AM  
Subject: hi AB from Lisa Rein at the Post  
To: [abwade@usgs.gov](mailto:abwade@usgs.gov) <[abwade@usgs.gov](mailto:abwade@usgs.gov)>

Looking to learn more about Mark Zuckerberg's visit to Glacier over the weekend and the climate scientist who was disinvited to speak w. him

Getting nothing from Heather Swift. Posting a story online very soon  
Can you help/ thanks much

Lisa Rein  
Staff Reporter  
Washington Post  
202-334-5190  
Cell 202-821-3120  
@Reinlwapo  
[Send me a confidential tip](#)

Puckett, Catherine <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

Jul  
19

to Anne-Berry

Thanks -- having fun here, hope you are too :).  
Miss you! The WaPo story ran yesterday . . .  
actually three of them (Mic, The Hill, WaPo).  
Catherine



Catherine Puckett  
Deputy Public Affairs Officer

USGS Office of Communications  
352-377-2469 (O) 352-278-0165 (cell)  
[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

---

Betsy Hildebrandt <[bhildebrandt@usgs.gov](mailto:bhildebrandt@usgs.gov)>

Jul  
19

to Anne-Berry, me

All handled. Go back to vacationing!!

---

3 of 22

**Re: WaPo article on why Mark Zuckerberg wasn't allowed to meet with  
Glacier's climate expert**

Koontz, Heidi <[hkoontz@usgs.gov](mailto:hkoontz@usgs.gov)>

Jul  
19

to Eugene, David, me

Hi Buddy,

Don't think we had anything to do with it other than Fagre. Looping Dave and Catherine in, FTI.

Thanks for heads up!  
Heidi

On Wed, Jul 19, 2017 at 9:37 AM, Schweig, Eugene <[schweig@usgs.gov](mailto:schweig@usgs.gov)> wrote:  
Yikes! This is bad press. Do you think it was our communications folks or NPS's that would not let this guy talk.

Buddy

----- Forwarded message -----

From: **Thompson, Robert** <[rthompson@usgs.gov](mailto:rthompson@usgs.gov)>

Date: Wed, Jul 19, 2017 at 9:29 AM

Subject: WaPo article on why Mark Zuckerberg wasn't allowed to meet with Glacier's climate expert

To: Eugene Schweig <[schweig@usgs.gov](mailto:schweig@usgs.gov)>

[https://www.washingtonpost.com/news/powerpost/wp/2017/07/18/mark-zuckerberg-went-to-glacier-to-learn-about-climate-change-but-couldnt-meet-with-the-resident-climate-scientist/?hpid=hp\\_hp-cards\\_hp-card-fedgov%3Ahomepage%2Fcard&utm\\_term=.65331d7159a3](https://www.washingtonpost.com/news/powerpost/wp/2017/07/18/mark-zuckerberg-went-to-glacier-to-learn-about-climate-change-but-couldnt-meet-with-the-resident-climate-scientist/?hpid=hp_hp-cards_hp-card-fedgov%3Ahomepage%2Fcard&utm_term=.65331d7159a3)

--

Robert S. Thompson  
Geosciences and Environmental Change Science Center  
U.S. Geological Survey







Catherine Puckett

Deputy Public Affairs Officer

USGS Office of Communications

352-377-2469 (O) 352-278-0165 (cell)

[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

---

Schweig, Eugene <[schweig@usgs.gov](mailto:schweig@usgs.gov)>

Jul  
25

to me, Heidi, David

Thanks, all!

---

**Fwd: New York Daily News: Cancelled meeting with Zuckerberg**

Suzanna Soileau <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

Jul  
20

to Justin, Claudia, me, Paul

Suzanna

Sent from my phone.

---

**From:** "Fagre, Daniel" <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>

**Subject:** Re: New York Daily News: Cancelled meeting with Zuckerberg

**Date:** 19 July 2017 11:52

**To:** "Hensley, Nicole" <[nhensley@nydailynews.com](mailto:nhensley@nydailynews.com)>, "Soileau, Suzanna" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

Hi Nicole,

No, there was no paper trail that I am aware of and there really aren't any more details than was reported in the WaPo article. I will be heading into the backcountry for the next week and likely will have limited email access.

Adios for now.

Dan

On Tue, Jul 18, 2017 at 7:08 PM, Hensley, Nicole <[nhensley@nydailynews.com](mailto:nhensley@nydailynews.com)> wrote:

Good evening, Daniel.

I'm a reporter with the New York Daily News. I read the Washington Post's story on the Interior canceling a scheduled meeting between you and Facebook's Mark Zuckerberg. I was curious if there was ever a paper trail reflecting the meeting being scheduled, with details of where you were supposed to meet and what activities the meeting would have involved.

Additionally, are there particular statistics on from your publications you would have shared with him?

I can be reached here and at **212-210-1519**. Thank you.

**NICOLE HENSLEY**

**REPORTER | NEW YORK DAILY NEWS | @NKHENSLEY**

DESK: 212-210-1519

CELL: 206-963-5496

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\*\*\*\*\* (NJ)

# Label: "FOIA 00175"

**Created by: dan\_fagre@usgs.gov**

Total Messages in label: 57 (22 conversations)

Created: 08-09-2017 at 11:47 AM

# Conversation Contents

Update on Zuckerberg visit media/Al Gore event

Dan Ann Fagre <(b)(6)@gmail.com>

---

**From:** Dan Ann Fagre <(b)(6)@gmail.com>  
**Sent:** Mon Jul 24 2017 10:58:58 GMT-0600 (MDT)  
**To:** Daniel Fagre <dan\_fagre@usgs.gov>  
**Subject:** Update on Zuckerberg visit media/Al Gore event

An additional version of the Washington Post article was forwarded to me; link below.

[https://www.washingtonpost.com/news/powerpost/wp/2017/07/20/climate-experts-pulled-from-glacier-national-park-tour-with-facebook-ceo-mark-zuckerberg/?utm\\_term=.1fadf9b339d6](https://www.washingtonpost.com/news/powerpost/wp/2017/07/20/climate-experts-pulled-from-glacier-national-park-tour-with-facebook-ceo-mark-zuckerberg/?utm_term=.1fadf9b339d6)

The AP article by Mathew Volz was subsequently published in at least 20 outlets that I found online.

I forwarded glacier area numbers for Grinnell glacier and all the major glaciers in Glacier Park to Michael Jamison of National Parks and Conservation Association for his use next week. He is flying to New York and doing some kind of CNN panel with former VP Al Gore ahead of the release of the sequel to "An Inconvenient Truth". Michael was on the 1997 hike to Grinnell glacier with Al Gore and me and will open his part of the discussion by describing the changes (a 28% reduction) in Grinnell glacier since Al Gore visited. Michael will attribute the data to USGS and all the data are included in our May 2017 data release on ScienceBase.

Daniel Fagre <dan\_fagre@usgs.gov>

---

**From:** Daniel Fagre <dan\_fagre@usgs.gov>  
**Sent:** Mon Jul 24 2017 11:09:16 GMT-0600 (MDT)  
**To:** ssoileau@usgs.gov, Claudia Regan <cregan@usgs.gov>, plaustsen@usgs.gov  
**Subject:** Fwd: Update on Zuckerberg visit media/Al Gore event

Sent from my iPhone

Begin forwarded message:

**From:** Dan Ann Fagre <(b)(6)@gmail.com>  
**Date:** July 24, 2017 at 10:58:58 AM MDT  
**To:** Daniel Fagre <dan\_fagre@usgs.gov>  
**Subject:** Update on Zuckerberg visit media/Al Gore event

An additional version of the Washington Post article was forwarded to me; link below.

[https://www.washingtonpost.com/news/powerpost/wp/2017/07/20/climate-experts-pulled-from-glacier-national-park-tour-with-facebook-ceo-mark-zuckerberg/?utm\\_term=.1fadf9b339d6](https://www.washingtonpost.com/news/powerpost/wp/2017/07/20/climate-experts-pulled-from-glacier-national-park-tour-with-facebook-ceo-mark-zuckerberg/?utm_term=.1fadf9b339d6)

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## **Daniel Fagre <dan\_fagre@usgs.gov>**

---

**From:** Daniel Fagre <dan\_fagre@usgs.gov>  
**Sent:** Mon Jul 24 2017 11:10:12 GMT-0600 (MDT)  
**To:** Lisa L Mckeeon <lisa\_mckeeon@usgs.gov>, Erich H Peitzsch <epeitzsch@usgs.gov>  
**Subject:** Fwd: Update on Zuckerberg visit media/Al Gore event

Sent from my iPhone

Begin forwarded message:

**From:** Dan Ann Fagre <(b)(6)@gmail.com>  
**Date:** July 24, 2017 at 10:58:58 AM MDT  
**To:** Daniel Fagre <dan\_fagre@usgs.gov>  
**Subject:** Update on Zuckerberg visit media/Al Gore event

An additional version of the Washington Post article was forwarded to me; link below.

[https://www.washingtonpost.com/news/powerpost/wp/2017/07/20/climate-experts-pulled-from-glacier-national-park-tour-with-facebook-ceo-mark-zuckerberg/?utm\\_term=.1fadf9b339d6](https://www.washingtonpost.com/news/powerpost/wp/2017/07/20/climate-experts-pulled-from-glacier-national-park-tour-with-facebook-ceo-mark-zuckerberg/?utm_term=.1fadf9b339d6)

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**"Laustsen, Paul" <plaustsen@usgs.gov>**

---

**From:** "Laustsen, Paul" <plaustsen@usgs.gov>  
**Sent:** Tue Jul 25 2017 14:38:15 GMT-0600 (MDT)  
**To:** Daniel Fagre <dan\_fagre@usgs.gov>  
**CC:** Suzanna Soileau <ssoileau@usgs.gov>, Claudia Regan <cregan@usgs.gov>  
**Subject:** Re: Update on Zuckerberg visit media/Al Gore event

Thanks Dan,

I was out yesterday. Will send this to Catherine Puckett for her awareness.

Paul



**Paul C. Laustsen**  
U.S. Geological Survey  
Office of Communications  
345 Middlefield Road, MS 144  
Menlo Park, CA 94025  
[plaustsen@usgs.gov](mailto:plaustsen@usgs.gov)  
650-329-4046

On Mon, Jul 24, 2017 at 10:09 AM, Daniel Fagre <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)> wrote:

Sent from my iPhone

Begin forwarded message:

**From:** Dan Ann Fagre <(b)(6)@gmail.com>  
**Date:** July 24, 2017 at 10:58:58 AM MDT  
**To:** Daniel Fagre <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>  
**Subject:** Update on Zuckerberg visit media/Al Gore event

An additional version of the Washington Post article was forwarded to me; link below.

[https://www.washingtonpost.com/news/powerpost/wp/2017/07/20/climate-experts-pulled-from-glacier-national-park-tour-with-facebook-ceo-mark-zuckerberg/?utm\\_term=.1fadf9b339d6](https://www.washingtonpost.com/news/powerpost/wp/2017/07/20/climate-experts-pulled-from-glacier-national-park-tour-with-facebook-ceo-mark-zuckerberg/?utm_term=.1fadf9b339d6)

The AP article by Mathew Volz was subsequently published in at least 20 outlets that I found online.

I forwarded glacier area numbers for Grinnell glacier and all the major glaciers in Glacier Park to Michael Jamison of National Parks and Conservation Association for his use next week. He is flying to New York and doing some kind of CNN panel with former VP Al Gore ahead of the release of the sequel to “An Inconvenient Truth”. Michael was on the 1997 hike to Grinnell glacier with Al Gore and me and will open his part of the discussion by describing the changes (a 28% reduction) in Grinnell glacier since Al Gore visited. Michael will attribute the data to USGS and all the data are included in our May 2017 data release on ScienceBase.

**Label: "2017 Facebook/FOIA  
00166/Soileau\_FOIA 2017-00166"**

**Created by:ssoileau@usgs.gov**

Total Messages in label:99 (23 conversations)

Created: 08-16-2017 at 09:03 AM



# Conversation Contents

## Prep for July 15 Faceook event in Glacier National Park

**"Soileau, Suzanna" <ssoileau@usgs.gov>**

---

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Fri Jun 23 2017 07:29:25 GMT-0600 (MDT)  
Daniel Fagre <dan\_fagre@usgs.gov>, Lianne Ball <lball@usgs.gov>, Debra Willard <dwillard@usgs.gov>,  
**To:** "Charbonneau, Colette" <ccharbonneau@usgs.gov>, "Steinkamp, Melanie" <msteinkamp@usgs.gov>, "Puckett, Catherine" <cpuckett@usgs.gov>, Ryan McClymont <rmcclymont@usgs.gov>, "Regan, Claudia" <cregan@usgs.gov>  
**Subject:** Prep for July 15 Faceook event in Glacier National Park

Hi All - As you have heard, Dan Fagre and I will be joining our NPS partners in Glacier National Park to accompany Facebook CEO Mark Zukerberg on a park tour as part of a larger outdoor media campaign.

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I wanted to see everyone's availability on Thursday, June 29 at noon eastern for a call to prep?

I have a coordination meeting on Wed with NPS and FB and will have a better idea of the tour goals and opportunities for Dan and USGS.

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

~~~~~  
Visit our website at: <https://www.usgs.gov/norock>  
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"Something hidden. Go and find it. Go and look behind the Ranges- Something lost behind the Ranges. Lost and waiting for you. Go!"

Rudyard Kipling, The Explorer

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**Catherine Puckett <cpuckett@usgs.gov>**

---

**From:** Catherine Puckett <cpuckett@usgs.gov>  
**Sent:** Fri Jun 23 2017 07:52:06 GMT-0600 (MDT)  
**To:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Subject:** Re: Prep for July 15 Faceook event in Glacier National Park

Wish I could be there. Lucky you

Sent from my iPhone

On Jun 23, 2017, at 9:30 AM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

Hi All - As you have heard, Dan Fagre and I will be joining our NPS partners in Glacier National Park to accompany Facebook CEO Mark Zuckerberg on a park tour as part of a larger outdoor media campaign.


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**"Willard, Debra" <dwillard@usgs.gov>**

---

**From:** "Willard, Debra" <dwillard@usgs.gov>  
**Sent:** Fri Jun 23 2017 08:40:37 GMT-0600 (MDT)  
**To:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Subject:** Re: Prep for July 15 Faceook event in Glacier National Park

Hi Suzanna,

Noon on June 29 works for me. Thanks for keeping me in the loop.

Deb

---

Debra A. Willard, PhD  
US Geological Survey  
Coordinator, Climate Research & Development Program  
12201 Sunrise Valley Drive, Rm 4B 318  
926A National Center  
Reston, VA 20192  
phone: 703-648-5320  
e-mail: [dwillard@usgs.gov](mailto:dwillard@usgs.gov)  
<https://profile.usgs.gov/dwillard>

On Fri, Jun 23, 2017 at 9:29 AM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

Hi All - As you have heard, Dan Fagre and I will be joining our NPS partners in Glacier National Park to accompany Facebook CEO Mark Zuckerberg on a park tour as part of a larger outdoor media campaign.

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---

**"Soileau, Suzanna" <ssoileau@usgs.gov>**

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Fri Jun 23 2017 09:00:15 GMT-0600 (MDT)  
**To:** "Willard, Debra" <dwillard@usgs.gov>  
**Subject:** Re: Prep for July 15 Faceook event in Glacier National Park

Certainly, Deb. Glad you can be there!

On Fri, Jun 23, 2017 at 8:40 AM, Willard, Debra <[dwillard@usgs.gov](mailto:dwillard@usgs.gov)> wrote:  
Hi Suzanna,

Noon on June 29 works for me. Thanks for keeping me in the loop.

Deb

-----  
Debra A. Willard, PhD  
US Geological Survey  
Coordinator, Climate Research & Development Program  
12201 Sunrise Valley Drive, Rm 4B 318  
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Suzanna



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**"Regan, Claudia" <cregan@usgs.gov>**

---

**From:** "Regan, Claudia" <cregan@usgs.gov>  
**Sent:** Fri Jun 23 2017 17:00:55 GMT-0600 (MDT)  
**To:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Subject:** Re: Prep for July 15 Faceook event in Glacier National Park

6/29 at 10 should work for me.

thanks! CR

---

**Claudia Regan**  
Center Director  
**Northern Rocky Mountain Science Center**  
US Geological Survey  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Email: [cregan@usgs.gov](mailto:cregan@usgs.gov)  
Office: 406-994-7972  
Mobile: 406-404-9978  
**Visit our website at:** <https://www.usgs.gov/norock>

On Fri, Jun 23, 2017 at 7:29 AM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

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---

**"Soileau, Suzanna" <ssoileau@usgs.gov>**

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Wed Jun 28 2017 12:20:19 GMT-0600 (MDT)  
Daniel Fagre <dan\_fagre@usgs.gov>, Lianne Ball <lball@usgs.gov>, Debra Willard <dwillard@usgs.gov>, "Charbonneau, Colette" <ccharbonneau@usgs.gov>, "Steinkamp, Melanie" <msteinkamp@usgs.gov>, "Puckett, Catherine" <cpuckett@usgs.gov>, Ryan McClymont <rmcclymont@usgs.gov>, "Regan, Claudia" <cregan@usgs.gov>  
**To:**  
**Subject:**  Re: Prep for July 15 Faceook event in Glacier National Park

All - The call-in number for tomorrow's 12 pm eastern call is:

(b)(5)

Looking forward to sharing the info I gathered from my call with Glacier NP and FB today. This will most certainly be an exciting opportunity for USGS.

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--



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---

**"Steinkamp, Melanie" <msteinkamp@usgs.gov>**

**From:** "Steinkamp, Melanie" <msteinkamp@usgs.gov>  
**Sent:** Wed Jun 28 2017 16:13:45 GMT-0600 (MDT)  
**To:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Subject:** Re: Prep for July 15 Faceook event in Glacier National Park

Hi Suzanna,

I am unable to join tomorrow's call. Good luck!

Melanie

On Wed, Jun 28, 2017 at 2:20 PM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

All - The call-in number for tomorrow's 12 pm eastern call is:

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--

Landscape Science Program Coordinator	U.S. Geological Survey	
12201 Sunrise Valley Drive, MS-300	Reston, Virginia 20192	
office: 703-648-4076	cell: 703-261-3128	Room # 4A100E

**"Soileau, Suzanna" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>**

---

**From:** "Soileau, Suzanna" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>  
**Sent:** Thu Jun 29 2017 08:04:37 GMT-0600 (MDT)  
**To:** "Steinkamp, Melanie" <[msteinkamp@usgs.gov](mailto:msteinkamp@usgs.gov)>  
**Subject:** Re: Prep for July 15 Faceook event in Glacier National Park

thanks, Melanie!

On Wed, Jun 28, 2017 at 4:13 PM, Steinkamp, Melanie <[msteinkamp@usgs.gov](mailto:msteinkamp@usgs.gov)> wrote:

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**"Fagre, Daniel" <dan\_fagre@usgs.gov>**

---

**From:** "Fagre, Daniel" <dan\_fagre@usgs.gov>  
**Sent:** Thu Jun 29 2017 10:02:21 GMT-0600 (MDT)  
**To:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Subject:** Re: Prep for July 15 Faceook event in Glacier National Park

security code isn't working

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USGS will join the group and discuss our work in mountain ecosystem and Dan's years of research on glaciers.

I wanted to see everyone's availability on Thursday, June 29 at noon eastern for a call to prep?

I have a coordination meeting on Wed with NPS and FB and will have a better idea of the tour goals and opportunities for Dan and USGS.

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone:  994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

~~~~~  
"Something hidden. Go and find it. Go and look behind the Ranges- Something lost behind the Ranges. Lost and waiting for you. Go!"

Rudyard Kipling, The Explorer

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\*\*\*\*\*

Daniel B. F  e, Ph.D.  
USGS Northern Rocky Mountain Science Center  
215 Mather Drive  
Glacier National Park  
West Glacier, MT 59936

Ph: 406-888-7922  
Email: [dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)  
\*\*\*\*\*

## "Soileau, Suzanna" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

---

**From:** "Soileau, Suzanna" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>  
**Sent:** Thu Jun 29 2017 10:30:22 GMT-0600 (MDT)  
Daniel Fagre <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>, Lianne Ball <[lball@usgs.gov](mailto:lball@usgs.gov)>, Debra Willard <[dwillard@usgs.gov](mailto:dwillard@usgs.gov)>, "Charbonneau, Colette" <[ccharbonneau@usgs.gov](mailto:ccharbonneau@usgs.gov)>, "Steinkamp, Melanie" <[msteinkamp@usgs.gov](mailto:msteinkamp@usgs.gov)>, "Puckett, Catherine" <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>, Ryan McClymont <[rmcclymont@usgs.gov](mailto:rmcclymont@usgs.gov)>, "Regan, Claudia" <[cregan@usgs.gov](mailto:cregan@usgs.gov)>, Scott Horvath <[shorvath@usgs.gov](mailto:shorvath@usgs.gov)>, Justin Pressfield <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>, Anne-Berry Wade <[abwade@usgs.gov](mailto:abwade@usgs.gov)>  
**To:**  
**Subject:** Re: Prep for July 15 Faceook event in Glacier National Park

Thanks for the call - we will keep everyone posted as things develop!

<http://www.overdriveonline.com/facebook-founder-zuckerberg-hears-truckers-concerns-at-iowa-80-truck-stop/>

On Wed, Jun 28, 2017 at 12:20 PM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

All - The call-in number for tomorrow's 12 pm eastern call is:

(b)(5)

Looking forward to sharing the info I gathered from my call with Glacier NP and FB today. This will most certainly be an exciting opportunity for USGS.

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# Conversation Contents

Re: Facebook Visit to Glacier

**"Alley, Lauren" <lauren\_alley@nps.gov>**

---

**From:** "Alley, Lauren" <lauren\_alley@nps.gov>  
**Sent:** Thu Jun 22 2017 12:47:48 GMT-0600 (MDT)  
**To:** derickmains@fb.com  
**CC:** "Suzanna C. Soileau" <ssoileau@usgs.gov>  
**Subject:** Re: Facebook Visit to Glacier

Derick,

Thanks for getting in touch about this upcoming visit.

I'll be your point of contact for coordinating this trip.

Let's set up a time next week to talk through some of these details. I'm also including USGS Public Affairs Specialist Suzanna Soileau on this email as you asked about including Dan Fagre in the group.

My schedule is fairly open next Monday and Wednesday. Do you have a time that works on either of those days?

**Lauren Alley**  
Management Assistant  
Glacier National Park  
406.888.5838

----- Forwarded message -----

From: **Johnson, Kyle** <kyle\_johnson@nps.gov>  
Date: Wed, Jun 21, 2017 at 2:49 PM  
Subject: Fwd: Facebook Visit to Glacier  
To: "Alley, Lauren" <lauren\_alley@nps.gov>, "Austin, Paul" <paul\_austin@nps.gov>

Lauren,

Conferenced with Derick yesterday and this is what he sent me today. Please contact him and let him know you will be the point of contact for the visit.

Thanks for your help.

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From: **Derick Mains** <derickmains@fb.com>  
Date: Wed, Jun 21, 2017 at 12:20 PM  
Subject: Facebook Visit to Glacier

To: "Johnson, Kyle" <[kyle\\_johnson@nps.gov](mailto:kyle_johnson@nps.gov)>  
Cc: Derick Mains <[derickmains@fb.com](mailto:derickmains@fb.com)>

Hi Kyle,

Thanks for the time over the phone yesterday. It was good to catch up.

As I mentioned, as part of a personal challenge for 2017, Mark is spending the year traveling across the country visiting approximately the 30 states he's never been to. In doing so he has several different goals; to get out of his bubble here at Facebook and in Northern California, to visit communities and meet people he wouldn't otherwise wouldn't and most importantly learn. [Here](#) is a story the NY Times did on his travels.

We try to develop themes for the areas and people he meets with. So far, we haven't really done anything around natural resources and people who work to manage public lands. Earlier in the trip he'll be visiting a North Dakota community involved in oil production and thought that a visit to Glacier, where the effects of global warming have been widely documented, would be a good balance.

Mark would like to meet with people involved with the stewardship of the Park. This could include Superintendent Mow, park rangers, park volunteers, someone from the Glacier Institute and someone involved in the study of climate change on the park (someone from the USGS and/or Portland State who worked on [this](#) study). If you are free, I'd like you to attend to be able talk to Mark about your 30 years in the park and your role as a backcountry ranger.

We'd also like to do this meeting a little differently. Rather than at Park HQ in a conference room we'd like to do it in a Jammer heading up the Pass. Thought is to take the meeting outside and talk about the Park in the Park. It would be great to drive up to the Pass, get out and walk the boardwalk to the Hidden Lake overlook. This would give mark the opportunity to informally interact with some of the visitors along with giving us some great photos. Let me know if you have a contact at Xanterra I could talk to about renting a Jammer for the day.

#### ***Ideal schedule***

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3-4 Park volunteers (your call here, would be great to have some of the retired folks you mentioned)

Glacier Institute Executive Director Joyce Baltz (or someone else)

USGS Research Ecologist Daniel B Fagre

*\* Happy to have your PIO or social media lead join to document the visit*

Also, it would be great if you could be the liaison with our security team as you've coordinated these types of visits to Glacier.

Let me know what you think of this.

Derick

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Kyle Johnson  
US Park Ranger  
Wilderness Specialist  
(406) 888-7838  
[Kyle\\_Johnson@nps.gov](mailto:Kyle_Johnson@nps.gov)

**"Soileau, Suzanna" <ssoileau@usgs.gov>**

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**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Thu Jun 22 2017 12:53:23 GMT-0600 (MDT)  
**To:** "Alley, Lauren" <lauren\_alley@nps.gov>  
**CC:** derickmains@fb.com  
**Subject:** Re: Facebook Visit to Glacier

Hi All - I will get in contact with Dan and see his availability. If he is not, we will definitely be able to get one of his crew to come along.

We are very excited to join you.

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**"Soileau, Suzanna" <ssoileau@usgs.gov>**

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**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Thu Jun 22 2017 12:56:18 GMT-0600 (MDT)  
**To:** Daniel Fagre <dan\_fagre@usgs.gov>  
**CC:** Paul Laustsen <plaustsen@usgs.gov>, Ryan McClymont <rmcclymont@usgs.gov>, Scott Horvath <shorvath@usgs.gov>, Justin Pressfield <jpressfield@usgs.gov>, "Regan, Claudia" <cregan@usgs.gov>  
**Subject:** Fwd: Facebook Visit to Glacier

Hi Dan -

Pretty exciting opportunity coming our way. Mark Zuckerberg, CEO of Facebook, is traveling to Glacier and they have asked if you could join them in the field on July 15.

This is an incredible opportunity and I hope that you can make time or have one of your staff be available. See details below and let me know.

Thanks!

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**Date:** Thu, Jun 22, 2017 at 12:47 PM  
**Subject:** Re: Facebook Visit to Glacier  
**To:** [derickmains@fb.com](mailto:derickmains@fb.com)  
**Cc:** "Suzanna C. Soileau" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

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**To:** "Alley, Lauren" <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>, "Austin, Paul" <[paul\\_austin@nps.gov](mailto:paul_austin@nps.gov)>



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**"Fagre, Daniel" <dan\_fagre@usgs.gov>**

---

**From:** "Fagre, Daniel" <dan\_fagre@usgs.gov>  
**Sent:** Thu Jun 22 2017 13:15:19 GMT-0600 (MDT)  
**To:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**CC:** Paul Laustsen <plaustsen@usgs.gov>, Ryan McClymont <rmcclymont@usgs.gov>, Scott Horvath <shorvath@usgs.gov>, Justin Pressfield <jpressfield@usgs.gov>, "Regan, Claudia" <cregan@usgs.gov>  
**Subject:** Re: Facebook Visit to Glacier

Hi Suzanna,  
Yes, I'd be happy to join the Facebook group at Logan Pass and talk to Mark about our research. I hope they know it could be very crowded on the boardwalk on a Saturday in July!  
Dan

On Thu, Jun 22, 2017 at 12:56 PM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

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**Lauren Alley**  
Management Assistant  
Glacier National Park  
406.888.5838

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From: **Johnson, Kyle** <[kyle\\_johnson@nps.gov](mailto:kyle_johnson@nps.gov)>

Date: Wed, Jun 21, 2017 at 2:49 PM

Subject: Fwd: Facebook Visit to Glacier

To: "Alley, Lauren" <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>, "Austin, Paul" <[paul\\_austin@nps.gov](mailto:paul_austin@nps.gov)>

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Date: Wed, Jun 21, 2017 at 12:20 PM

Subject: Facebook Visit to Glacier

To: "Johnson, Kyle" <[kyle\\_johnson@nps.gov](mailto:kyle_johnson@nps.gov)>

Cc: Derick Mains <[derickmains@fb.com](mailto:derickmains@fb.com)>

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--

Suzanna

~~~~~  
Suzanna C. Soileau

Outreach Physical Scientist

USGS-NOROCK

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Bozeman, MT 59715

Phone: 406-994-7257

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Daniel B. Fagre, Ph.D.  
USGS Northern Rocky Mountain Science Center  
215 Mather Drive  
Glacier National Park  
West Glacier, MT 59936  
Ph: 406-888-7922  
Email: [dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)

\*\*\*\*\*

**"Soileau, Suzanna" <ssoileau@usgs.gov>**

---

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Thu Jun 22 2017 13:17:32 GMT-0600 (MDT)  
**To:** "Fagre, Daniel" <dan\_fagre@usgs.gov>  
Paul Laustsen <plaustsen@usgs.gov>, Ryan McClymont <rmcclymont@usgs.gov>, Scott Horvath <shorvath@usgs.gov>, Justin Pressfield <jpressfield@usgs.gov>, "Regan, Claudia" <cregan@usgs.gov>  
**CC:**  
**Subject:** Re: Facebook Visit to Glacier

Thanks Dan - I will pass along.

I imagine Lauren will give them that heads up:) He might cause more of a crowd!

On Thu, Jun 22, 2017 at 1:15 PM, Fagre, Daniel <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)> wrote:

Hi Suzanna,


Yes, I'd be happy to join the Facebook group at Logan Pass and talk to Mark about our research. I hope they know it could be very crowded on the boardwalk on a Saturday in July!

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**"Horvath, Scott" <shorvath@usgs.gov>**

**From:** "Horvath, Scott" <shorvath@usgs.gov>  
**Sent:** Thu Jun 22 2017 13:17:48 GMT-0600 (MDT)  
**To:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
Daniel Fagre <dan\_fagre@usgs.gov>, Paul Laustsen  
<plaustsen@usgs.gov>, Ryan McClymont  
**CC:** <rmcclymont@usgs.gov>, Justin Pressfield  
<jpressfield@usgs.gov>, "Regan, Claudia" <cregan@usgs.gov>  
**Subject:** Re: Facebook Visit to Glacier

We should try to take advantage of this opportunity. Mark provides a global audience with many eyes and ears with everything he does. This might be a good opportunity for us to have Suzanna do a Facebook Live video with Mark while on the Jammer talking to him about Glacier and hopefully getting him to acknowledge USGS science in some way.

Also, we should at least get one of our folks to take photos throughout his visit that we can use in conjunction with a post across FB, Twitter, and Instagram. I'm thinking some good framed shots of him looking out over the landscape with him on the left-third in the foreground looking out. This way we can use it on Instagram and caption it with information about what he's looking at, ecosystems, climate, or whatever you all decide. But I highly recommend having some tag along that knows how to photograph the landscape well.

I must say, I'm definitely jealous, so I think we really need to take advantage of the visit as best we can. The Facebook Live video would be key and I'm sure that Facebook would reshare it through their own main Facebook page. Same with our any Instagram posts we do (since they also own Instagram).

Thoughts?



**Scott Horvath**

Bureau Social Media Lead, Office of Communications and Publishing

703-648-4011 (work)

571-296-1157 (cell)

**Connect with USGS:** [Facebook](#) | [Twitter](#) | [Instagram](#) | and [more!](#)

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 **"Laustsen, Paul" <plaustsen@usgs.gov>**

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**From:** "Laustsen, Paul" <plaustsen@usgs.gov>

**Sent:** Thu Jun 22 2017 13:19:14 GMT-0600 (MDT)  
**To:** "Fagre, Daniel" <dan\_fagre@usgs.gov>  
**CC:** "Soileau, Suzanna" <ssoileau@usgs.gov>, Ryan McClymont <rmcclymont@usgs.gov>, Scott Horvath <shorvath@usgs.gov>, Justin Pressfield <jpressfield@usgs.gov>, "Regan, Claudia" <cregan@usgs.gov>  
**Subject:** Re: Facebook Visit to Glacier

Remember to connect with Mark on the fact that USGS has an office in Menlo Park....

Also, more importantly, it would be great if we could get Suzanna there as well. It would serve several purposes: 1) to connect with her counterparts at NPS and Facebook, 2) Help Dan with followup actions, 3) help make sure the USGS story is told.

Paul



**Paul C. Laustsen**  
U.S. Geological Survey  
Office of Communications  
345 Middlefield Road, MS 144  
Menlo Park, CA 94025  
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*\* Happy to have your PIO or social media lead join to document the visit*

Also, it would be great if you could be the liaison with our security team as you've coordinated these types of visits to Glacier.

Let me know what you think of this.

Derick

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Kyle Johnson

US Park Ranger

Wilderness Specialist

(406) 888-7838

[Kyle\\_Johnson@nps.gov](mailto:Kyle_Johnson@nps.gov)

--

Suzanna

~~~~~  
Suzanna C. Soileau

Outreach Physical Scientist

USGS-NOROCK

2327 University Way, Suite 2

Bozeman, MT 59715



Phone: 406-994-7257  
Fax: 406-994-6556  
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Visit our website at: <https://www.usgs.gov/norock>

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Daniel B. Fagre, Ph.D.  
USGS Northern Rocky Mountain Science Center  
215 Mather Drive  
Glacier National Park  
West Glacier, MT 59936  
Ph: 406-888-7922  
Email: [dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)

\*\*\*\*\*

## "Soileau, Suzanna" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

---

**From:** "Soileau, Suzanna" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>  
**Sent:** Thu Jun 22 2017 13:22:02 GMT-0600 (MDT)  
**To:** "Laustsen, Paul" <[plaustsen@usgs.gov](mailto:plaustsen@usgs.gov)>  
**CC:** "Fagre, Daniel" <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>, Ryan McClymont <[rmcclymont@usgs.gov](mailto:rmcclymont@usgs.gov)>, Scott Horvath <[shorvath@usgs.gov](mailto:shorvath@usgs.gov)>, Justin Pressfield <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>, "Regan, Claudia" <[cregan@usgs.gov](mailto:cregan@usgs.gov)>  
**Subject:** Re: Facebook Visit to Glacier

Hi All - I think I can swing that. I can prep with you all and make sure we get the things we need out of this opportunity.

On Thu, Jun 22, 2017 at 1:19 PM, Laustsen, Paul <[plaustsen@usgs.gov](mailto:plaustsen@usgs.gov)> wrote:

Remember  nnect with Mark on the fact that USGS has an office in Menlo Park...

Also, more importantly, it would be great if we could get Suzanna there as well. It would serve several purposes: 1) to connect with her counterparts at NPS and Facebook, 2) Help Dan with followup actions, 3) help make sure the USGS story is told.

Paul



**Paul C. Laustsen**

U.S. Geological Survey  
Office of Communications  
345 Middlefield Road, MS 144  
Menlo Park, CA 94025  
[plaustsen@usgs.gov](mailto:plaustsen@usgs.gov)  
650-329-4046

On Thu, Jun 22, 2017 at 12:15 PM, Fagre, Daniel <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)> wrote:

Hi Suzanna,

Yes, I'd be happy to join the Facebook group at Logan Pass and talk to Mark about our research. I hope they know it could be very crowded on the boardwalk on a Saturday in July!

Dan

On Thu, Jun 22, 2017 at 12:56 PM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

Hi Dan -

Pretty exciting opportunity coming our way. Mark Zuckerberg, CEO of Facebook, is traveling to Glacier and they have asked if you could join them in the field on July 15.

This is an incredible opportunity and I hope that you can make time or have one of your staff be available. See details below and let me know.

Thanks!

----- Forwarded message -----

From: **Alley, Lauren** <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>

Date: Thu, Jun 22, 2017 at 12:47 PM

Subject: Re: Facebook Visit to Glacier

To: [derickmains@fb.com](mailto:derickmains@fb.com)

Cc: "Suzanna C. Soileau" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

Derick,

Thanks for getting in touch about this upcoming visit.

I'll be your point of contact for coordinating this trip.

Let's set up a time next week to talk through some of these details. I'm also including USGS Public Affairs Specialist Suzanna Soileau on this email as you asked about including Dan Fagre in the group.

My schedule is fairly open next Monday and Wednesday. Do you have a time that works on either of those days?

**Lauren Alley**

Management Assistant

Glacier National Park

406.888.5838

----- Forwarded message -----

From: **Johnson, Kyle** <[kyle\\_johnson@nps.gov](mailto:kyle_johnson@nps.gov)>

Date: Wed, Jun 21, 2017 at 2:49 PM

Subject: Fwd: Facebook Visit to Glacier

To: "Alley, Lauren" <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>, "Austin, Paul" <[paul\\_austin@nps.gov](mailto:paul_austin@nps.gov)>

Lauren,

Conferenced with Derick yesterday and this is what he sent me today. Please contact him and let him know you will be the point of contact for the visit.

Thanks for your help.

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From: **Derick Mains** <[derickmains@fb.com](mailto:derickmains@fb.com)>

Date: Wed, Jun 21, 2017 at 12:20 PM

Subject: Facebook Visit to Glacier

To: "Johnson, Kyle" <[kyle\\_johnson@nps.gov](mailto:kyle_johnson@nps.gov)>

Cc: Derick Mains <[derickmains@fb.com](mailto:derickmains@fb.com)>

Hi Kyle,

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Mark would like to meet with people involved with the stewardship of the Park. This could include Superintendent Mow, park rangers, park volunteers, someone from the Glacier Institute and someone involved in the study of climate change on the park (someone from the USGS and/or Portland State who worked on [this](#) study). If you are free, I'd like you to attend to be able talk to Mark about your 30 years in the park and your role as a backcountry ranger.

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**"Soileau, Suzanna" <ssoileau@usgs.gov>**

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**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Thu Jun 22 2017 13:32:02 GMT-0600 (MDT)  
**To:** "Alley, Lauren" <lauren\_alley@nps.gov>  
**CC:** derickmains@fb.com  
**Subject:** Re: Facebook Visit to Glacier

Hi All - Dan Fagre will be available on July 15 and I will also join as a USGS social media lead.

On Thu, Jun 22, 2017 at 12:53 PM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

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**To:** "Alley, Lauren" <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>, "Austin, Paul" <[paul\\_austin@nps.gov](mailto:paul_austin@nps.gov)>

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**Derick Mains <derickmains@fb.com>**

**From:** Derick Mains <derickmains@fb.com>  
**Sent:** Thu Jun 22 2017 13:51:39 GMT-0600 (MDT)  
**To:** "Soileau, Suzanna" <ssoileau@usgs.gov>, "Alley, Lauren" <lauren\_alley@nps.gov>  
**Subject:** Re: Facebook Visit to Glacier

Hi guys,

Nice to meet you. Wednesday works better for my schedule. I'm free from 11:30 – 1:30 your time. Let me know what 30 min block works for you.

One thing I mentioned to Kyle, and will pass along, if that we don't want publicity before or during the visit. The way these visits have worked well this year is that Mark will do a Facebook post to his 92 million followers right after covering his experience, take-aways and of course photos. This then gets widely picked up by the press. He'll tag the relevant pages for the Park and USGS which will drive a ton of traffic to your pages. We ask that you hold off with any post until after Mark does (which will likely be within 30 min of the visit).

Some of the thing on my list to discuss...

Overview of Mark's Year of Travel (to give you context of what he's looking for)

Basic logistics of the visit (we can get into the specific details closer to the 15<sup>th</sup>)

Attendees (who will Mark mostly be interacting with)

Basic discussion points (I can cover what I think he might want to learn but I'm sure you guys have a bunch of ideas)

Social post planning/post visit media

Really looking forward to showing Mark Glacier (my parents live (b)(6) and I've been coming to DOI-USGS-17-0238-A, B, C-000441

the Park my entire life).

Derick

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**From:** "Soileau, Suzanna" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>  
**Date:** Thursday, June 22, 2017 at 12:32 PM  
**To:** "Alley, Lauren" <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>  
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**To:** "Alley, Lauren" <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>, "Austin, Paul" <[paul\\_austin@nps.gov](mailto:paul_austin@nps.gov)>

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**"Soileau, Suzanna" <ssoileau@usgs.gov>**

---

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Thu Jun 22 2017 14:01:38 GMT-0600 (MDT)  
Scott Horvath <shorvath@usgs.gov>, Paul Laustsen <plaustsen@usgs.gov>, Ryan McClymont <rmcclymont@usgs.gov>, Justin Pressfield <jpressfield@usgs.gov>  
**To:**  
**Subject:** Fwd: Facebook Visit to Glacier

Looks like FB live not option, but will know more next week.

----- Forwarded message -----

From: **Derick Mains** <[derickmains@fb.com](mailto:derickmains@fb.com)>  
Date: Thu, Jun 22, 2017 at 1:51 PM  
Subject: Re:  Facebook Visit to Glacier  
To: "Soileau, Suzanna" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>, "Alley, Lauren" <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>

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Derick

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**From:** "Soileau, Suzanna" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

**Date:** Thursday, June 22, 2017 at 12:32 PM

**To:** "Alley, Lauren" <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>

**Cc:** Derick Mains <[derickmains@fb.com](mailto:derickmains@fb.com)>

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**Lauren Alley**  
Management Assistant  
Glacier National Park  
406.888.5838

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From: **Johnson, Kyle** <[kyle\\_johnson@nps.gov](mailto:kyle_johnson@nps.gov)>  
Date: Wed, Jun 21, 2017 at 2:49 PM  
Subject: Fwd: Facebook Visit to Glacier  
To: "Alley, Lauren" <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>, "Austin, Paul" <[paul\\_austin@nps.gov](mailto:paul_austin@nps.gov)>

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Kyle Johnson

US Park Ranger

Wilderness Specialist

(406) 888-7838

[Kyle\\_Johnson@nps.gov](mailto:Kyle_Johnson@nps.gov)

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Suzanna

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Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
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Suzanna

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**Sent:** Thu Jun 22 2017 14:06:14 GMT-0600 (MDT)  
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**CC:** Paul Laustsen <[plaustsen@usgs.gov](mailto:plaustsen@usgs.gov)>, Ryan McClymont <[rmcclymont@usgs.gov](mailto:rmcclymont@usgs.gov)>, Justin Pressfield <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>  
**Subject:** Re: Facebook Visit to Glacier

Bummer, but understood. Well, then I suggest someone taking photos with a decent DSLR rather than a mobile device if possible. If not, then a recent smartphone with higher quality photo resolution to at least document the trip.

**Scott Horvath**

Bureau Social Media Lead, Office of Communications and Publishing  
703-648-4011 (work)  
571-296-1157 (cell)

**Connect with USGS:** [Facebook](#) | [Twitter](#) | [Instagram](#) | and [more!](#)

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US Park Ranger

Wilderness Specialist

(406) 888-7838

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**"Alley, Lauren" <lauren\_alley@nps.gov>**

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**Sent:** Thu Jun 22 2017 14:36:16 GMT-0600 (MDT)  
**To:** Derick Mains <derickmains@fb.com>  
**CC:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Subject:** Re: Facebook Visit to Glacier

All,

Let's do 11:30 am-12 pm on Wednesday, June 28.



Could you both send me a good number to reach you at? I will conference you both in so we don't tie up a conference call line.

Thanks!

**Lauren Alley**  
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Kyle Johnson

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Wilderness Specialist

(406) 888-7838

[Kyle.Johnson@nps.gov](mailto:Kyle.Johnson@nps.gov)

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**"Soileau, Suzanna" <ssoileau@usgs.gov>**

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**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Thu Jun 22 2017 14:37:14 GMT-0600 (MDT)  
**To:** "Alley, Lauren" <lauren\_alley@nps.gov>  
**CC:** Derick Mains <derickmains@fb.com>  
**Subject:** Re: Facebook Visit to Glacier

Thanks, Lauren - 406-994-7257

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All,

Let's do 11:30 am-12 pm on Wednesday, June 28.

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Glacier National Park  
406.888.5838

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**Date:** Thursday, June 22, 2017 at 12:32 PM  
**To:** "Alley, Lauren" <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>  
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**Date:** Wed, Jun 21, 2017 at 2:49 PM  
**Subject:** Fwd: Facebook Visit to Glacier  
**To:** "Alley, Lauren" <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>, "Austin, Paul" <[paul\\_austin@nps.gov](mailto:paul_austin@nps.gov)>

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**Sent:** Thu Jun 22 2017 14:49:53 GMT-0600 (MDT)  
**To:** "Alley, Lauren" <lauren\_alley@nps.gov>  
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To: "Alley, Lauren" <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>, "Austin, Paul" <[paul\\_austin@nps.gov](mailto:paul_austin@nps.gov)>

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**CC:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Subject:** Re: Facebook Visit to Glacier

Here's the dial in details...

To join via Browser:  
<https://bluejeans.com/577122850/browser>

To join via phone :

- 1) Dial:
  - +1.408.740.7256 (United States)
  - +1.888.240.2560 (US Toll Free)
  - +1.408.317.9253 (Alternate number)
  - (see all numbers - <http://bluejeans.com/premium-numbers>)
- 2) Enter Conference ID : 577122850

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**Cc:** Derick Mains <[derickmains@fb.com](mailto:derickmains@fb.com)>

**Subject:** Re: Facebook Visit to Glacier

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**Lauren Alley**  
Management Assistant  
Glacier National Park  
406.888.5838

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From: **Johnson, Kyle** <[kyle\\_johnson@nps.gov](mailto:kyle_johnson@nps.gov)>

Date: Wed, Jun 21, 2017 at 2:49 PM

Subject: Fwd: Facebook Visit to Glacier

To: "Alley, Lauren" <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>, "Austin, Paul" <[paul\\_austin@nps.gov](mailto:paul_austin@nps.gov)>

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Cc: Derick Mains <[derickmains@fb.com](mailto:derickmains@fb.com)>

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Chief Ranger Paul Austin

Ranger Kyle Johnson

3-4 Park volunteers (your call here, would be great to have some of the retired folks you mentioned)

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Kyle Johnson

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(406) 888-7838

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Suzanna

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Suzanna C. Soileau

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Fax: 406-994-6556

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**"Soileau, Suzanna" <ssoileau@usgs.gov>**

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Thu Jun 22 2017 15:14:00 GMT-0600 (MDT)  
**To:** Derick Mains <derickmains@fb.com>  
**CC:**  "Alley, Lauren" <lauren\_alley@nps.gov>  
**Subject:** Re: Facebook Visit to Glacier

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Here's the dial in details...

To join via Browser:

<https://bluejeans.com/577122850/browser>

To join via phone :

1) Dial:

+1.408.740.7256 (United States)

+1.888.240.2560 (US Toll Free)

+1.408.317.9253 (Alternate number)

(see all numbers - <http://bluejeans.com/premium-numbers>)

2) Enter Conference ID : 577122850

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Glacier National Park

406.888.5838

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DOI-USGS-17-0238-A, B, C-000475

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Wilderness Specialist  
(406) 888-7838  
[Kyle\\_Johnson@nps.gov](mailto:Kyle_Johnson@nps.gov)

--

Suzanna

~~~~~

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Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

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Lost and waiting for you. Go!”

Rudyard Kipling, The Explorer

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## "Ball, Lianne" <lball@usgs.gov>

**From:** "Ball, Lianne" <lball@usgs.gov>  
**Sent:** Fri Jun 23 2017 06:53:03 GMT-0600 (MDT)  
**To:** Colette Charbonneau <ccharbonneau@usgs.gov>, Melanie Steinkamp <msteinkamp@usgs.gov>, "Puckett, Catherine" <cpuckett@usgs.gov>, Suzanna Soileau <ssoileau@usgs.gov>  
**Subject:** Fwd: Facebook Visit to Glacier

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Lianne



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Date: Thu, Jun 22, 2017 at 5:57 PM  
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To: "Ball, Lianne" <[lball@usgs.gov](mailto:lball@usgs.gov)>, Steven Hilburger <[shilburger@usgs.gov](mailto:shilburger@usgs.gov)>  
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[USGS](mailto:abwade@usgs.gov) Press Officer  
703-648-4483 desk  
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US Department of the Interior  
US Geological Survey  
Chief of Communications, West  
Mobile: (916) 335-1211

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**From:** "Soileau, Suzanna" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>  
**Date:** June 22, 2017 at 11:56:18 AM PDT  
**To:** Daniel Fagre <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>  
**Cc:** Paul Laustsen <[plaustsen@usgs.gov](mailto:plaustsen@usgs.gov)>, Ryan McClymont <[rmcclymont@usgs.gov](mailto:rmcclymont@usgs.gov)>, Scott Horvath <[shorvath@usgs.gov](mailto:shorvath@usgs.gov)>, Justin Pressfield <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>, "Regan, Claudia" <[cregan@usgs.gov](mailto:cregan@usgs.gov)>  
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Lianne Ball, Ph.D.  
Science Adviser, Environments Program  
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12201 Sunrise Valley Dr  
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Reston, VA 20192

Ph (703) 648-4028

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**"Soileau, Suzanna" <ssoileau@usgs.gov>**

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Fri Jun 23 2017 07:12:26 GMT-0600 (MDT)  
**To:** "Ball, Lianne" <lball@usgs.gov>  
**CC:** Colette Charbonneau <ccharbonneau@usgs.gov>, Melanie Steinkamp <msteinkamp@usgs.gov>, "Puckett, Catherine" <cpuckett@usgs.gov>  
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From: **Alley, Lauren** <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>  
Date: Thu, Jun 22, 2017 at 12:47 PM  
Subject: Re: Facebook Visit to Glacier



To: [derickmains@fb.com](mailto:derickmains@fb.com)  
Cc: "Suzanna C. Soileau" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

Derick,

Thanks for getting in touch about this upcoming visit.

I'll be your point of contact for coordinating this trip.

Let's set up a time next week to talk through some of these details. I'm also including USGS Public Affairs Specialist Suzanna Soileau on this email as you asked about including Dan Fagre in the group.

My schedule is fairly open next Monday and Wednesday. Do you have a time that works on either of those days?

**Lauren Alley**  
Management Assistant  
Glacier National Park  
406.888.5838

----- Forwarded message -----

From: **Johnson, Kyle** <[kyle\\_johnson@nps.gov](mailto:kyle_johnson@nps.gov)>  
Date: Wed, Jun 21, 2017 at 2:49 PM  
Subject: Fwd: Facebook Visit to Glacier  
To: "Alley, Lauren" <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>, "Austin, Paul" <[paul\\_austin@nps.gov](mailto:paul_austin@nps.gov)>

Lauren,

Conferenced with Derick yesterday and this is what he sent me today. Please contact him and let him know you will be the point of contact for the visit.

Thanks for your help.

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From: **Derick Mains** <[derickmains@fb.com](mailto:derickmains@fb.com)>  
Date: Wed, Jun 21, 2017 at 12:20 PM  
Subject: Facebook Visit to Glacier  
To: "Johnson, Kyle" <[kyle\\_johnson@nps.gov](mailto:kyle_johnson@nps.gov)>  
Cc: Derick Mains <[derickmains@fb.com](mailto:derickmains@fb.com)>

Hi Kyle,

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As I mentioned, as part of a personal challenge for 2017, Mark is spending the year traveling across the country visiting approximately the 30 states he's never been to. In doing so he has several different goals; to get out of his bubble here at Facebook and in Northern California, to visit communities and meet people he wouldn't otherwise wouldn't and most importantly learn. [Here](#) is a story the NY Times did on his travels.

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We'd also like to do this meeting a little differently. Rather than at Park HQ in a conference room we'd like to do it in a Jammer heading up the Pass. Thought is to take the meeting outside and talk about the Park in the Park. It would be great to drive up to the Pass, get out and walk the boardwalk to the Hidden Lake overlook. This would give Mark the opportunity to informally interact with some of the visitors along with giving us some great photos. Let me know if you have a contact at Xanterra I could talk to about renting a Jammer for the day.

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3-4 Park volunteers (your call here, would be great to have some of the retired folks you mentioned)

Glacier Institute Executive Director Joyce Baltz (or someone else)

USGS Research Ecologist Daniel B Fagre

*\* Happy to have your PIO or social media lead join to document the visit*

Also, it would be great if you could be the liaison with our security team as you've coordinated these types of visits to Glacier.

Let me know what you think of this.

Derick

--

Kyle Johnson

US Park Ranger

Wilderness Specialist

(406) 888-7838

[Kyle\\_Johnson@nps.gov](mailto:Kyle_Johnson@nps.gov)

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

~~~~~  
Visit our website at: <https://www.usgs.gov/norock>  
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Rudyard Kipling, The Explorer

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Lianne Ball, Ph.D.  
Science Adviser, Environments Program  
US Geological Survey  
12201 Sunrise Valley Dr  
Mail Stop 301  
Reston, VA 20192

Ph (703) 648-4028

However beautiful the strategy, you should occasionally look at the results *Winston Churchill*



Suzanna

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Suzanna C. Soileau  
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USGS-NOROCK  
2327 University Way, Suite 2  
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**"Soileau, Suzanna" <ssoileau@usgs.gov>**

---

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Fri Jun 23 2017 07:22:17 GMT-0600 (MDT)  
**To:**  "Ball, Lianne" <lball@usgs.gov>  
Colette Charbonneau <ccharbonneau@usgs.gov>, Melanie Steinkamp <msteinkamp@usgs.gov>, "Puckett, Catherine" <cpuckett@usgs.gov>  
**CC:**

**Subject:** Re: Facebook Visit to Glacier

All - 12 eastern works for me. I will send an email out to everyone and see how that works for all.

On Fri, Jun 23, 2017 at 7:18 AM, Ball, Lianne <[lball@usgs.gov](mailto:lball@usgs.gov)> wrote:

Hi Suzanna,

Sure bring Deb Willard in. I'll be moving next Thursday but as long as I'm not on the Metro..(possibly 12 EST) I'll call in

Lianne

On Fri, Jun 23, 2017 at 9:12 AM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

Hi All - Maybe we can get on a call next week after my call with NPS and the FB rep? Would Thursday work?

Also, Dan gave Deb Willard a heads up, so should we bring her group in, as well on the planning?

On Fri, Jun 23, 2017 at 6:53 AM, Ball, Lianne <[lball@usgs.gov](mailto:lball@usgs.gov)> wrote:

Hey guys

The schedule/program is HEAVY on NPS.

In addition to putting Dan in some USGS gear, I think the talking points should include something specific about [excellent USGS research](#)

Oh...hows about a beautiful photograph of scientists working (USGS of course) on a Glacier and signed by the folks. Framed and presented to Mark? He's all about **people**.....so he doesn't know anything about how its people that conduct research. If there's a great photo and the people aren't all decked out in USGS t shirts....we could superimpose the USGS legend on the bottom left

Lianne

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From: **Wade, Anne-Berry** <[abwade@usgs.gov](mailto:abwade@usgs.gov)>

Date: Thu, Jun 22, 2017 at 5:57 PM

Subject: Fwd: Facebook Visit to Glacier

To: "Ball, Lianne" <[lball@usgs.gov](mailto:lball@usgs.gov)>, Steven Hilburger <[shilburger@usgs.gov](mailto:shilburger@usgs.gov)>

Cc: Catherine Puckett <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

here's the email. feel free to forward to those who should know.

A.B. Wade

[USGS](#) Press Officer

703-648-4483 desk

703-317-7871 mobile

----- Forwarded message -----

From: **Justin Pressfield** <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>

Date: Thu, Jun 22, 2017 at 3:17 PM

Subject: Fwd: Facebook Visit to Glacier

To: Barbara Wainman <[bwainman@usgs.gov](mailto:bwainman@usgs.gov)>, AB Wade <[abwade@usgs.gov](mailto:abwade@usgs.gov)>, Karen Armstrong <[karmstrong@usgs.gov](mailto:karmstrong@usgs.gov)>, Leslie Jones <[ljones@usgs.gov](mailto:ljones@usgs.gov)>

Justin Pressfield  
US Department of the Interior  
US Geological Survey  
Chief of Communications, West  
Mobile: (916) 335-1211

Begin forwarded message:

**From:** "Soileau, Suzanna" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>  
**Date:** June 22, 2017 at 11:56:18 AM PDT  
**To:** Daniel Fagre <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>  
**Cc:** Paul Laustsen <[plaustsen@usgs.gov](mailto:plaustsen@usgs.gov)>, Ryan McClymont <[rmcclymont@usgs.gov](mailto:rmcclymont@usgs.gov)>, Scott Horvath <[shorvath@usgs.gov](mailto:shorvath@usgs.gov)>, Justin Pressfield <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>, "Regan, Claudia" <[cregan@usgs.gov](mailto:cregan@usgs.gov)>

**Subject: Fwd: Facebook Visit to Glacier**

Hi Dan -

Pretty exciting opportunity coming our way. Mark Zuckerberg, CEO of Facebook, is traveling to Glacier and they have asked if you could join them in the field on July 15.

This is an incredible opportunity and I hope that you can make time or have one of your staff be available. See details below and let me know.

Thanks!

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**Date:** Thu, Jun 22, 2017 at 12:47 PM  
**Subject:** Re: Facebook Visit to Glacier  
**To:** [derickmains@fb.com](mailto:derickmains@fb.com)  
**Cc:** "Suzanna C. Soileau" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

Derick,

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To: "Alley, Lauren" <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>, "Austin, Paul" <[paul\\_austin@nps.gov](mailto:paul_austin@nps.gov)>

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to informally interact with some of the visitors along with giving us some great photos. Let me know if you have a contact at Xanterra I could talk to about renting a Jammer for the day.

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Also, it would be great if you could be the liaison with our security team as you've coordinated these types of visits to Glacier.

Let me know what you think of this.

Derick

--

Kyle Johnson

US Park Ranger

Wilderness Specialist

(406) 888-7838

[Kyle\\_Johnson@nps.gov](mailto:Kyle_Johnson@nps.gov)

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK



2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
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Lianne Ball, Ph.D.  
Science Adviser, Environments Program  
US Geological Survey  
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Mail Stop 301  
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Ph (703) 648-4028

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**Catherine Puckett <cpuckett@usgs.gov>**

---

**From:** Catherine Puckett <cpuckett@usgs.gov>  
**Sent:** Fri Jun 23 2017 07:48:14 GMT-0600 (MDT)  
**To:** dwillard@usgs.gov  
**CC:** ssoileau@usgs.gov  
**Subject:** Fwd: Facebook Visit to Glacier

FYI, Deb. Way cool

Sent from my iPhone

Begin forwarded message:

**From:** "Ball, Lianne" <lball@usgs.gov>  
**Date:** June 23, 2017 at 8:53:03 AM EDT  
**To:** Colette Charbonneau <ccharbonneau@usgs.gov>, Melanie Steinkamp <msteinkamp@usgs.gov>, "Puckett, Catherine" <cpuckett@usgs.gov>, Suzanna Soileau <ssoileau@usgs.gov>  
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Lianne

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**From:** Wade, Anne-Berry <abwade@usgs.gov>  
**Date:** Thu, Jun 22, 2017 at 5:57 PM  
**Subject:** Fwd: Facebook Visit to Glacier  
**To:** "Ball, Lianne" <lball@usgs.gov>, Steven Hilburger <shilburger@usgs.gov>  
**Cc:** Catherine Puckett <cpuckett@usgs.gov>

here's the email. feel free to forward to those who should know.

A.B. Wade  
[USGS](#) Press Officer  
703-648-4483 desk  
703-317-7871 mobile

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From: **Justin Pressfield** <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>  
Date: Thu, Jun 22, 2017 at 3:17 PM  
Subject: Fwd: Facebook Visit to Glacier  
To: Barbara Wainman <[bwainman@usgs.gov](mailto:bwainman@usgs.gov)>, AB Wade <[abwade@usgs.gov](mailto:abwade@usgs.gov)>, Karen Armstrong <[karmstrong@usgs.gov](mailto:karmstrong@usgs.gov)>, Leslie Jones <[ljones@usgs.gov](mailto:ljones@usgs.gov)>

Justin Pressfield  
US Department of the Interior  
US Geological Survey  
Chief of Communications, West  
Mobile: (916) 335-1211



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**Cc:** Paul Laustsen <[plaustsen@usgs.gov](mailto:plaustsen@usgs.gov)>, Ryan McClymont <[rmcclymont@usgs.gov](mailto:rmcclymont@usgs.gov)>, Scott Horvath <[shorvath@usgs.gov](mailto:shorvath@usgs.gov)>, Justin Pressfield <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>, "Regan, Claudia" <[cregan@usgs.gov](mailto:cregan@usgs.gov)>  
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Management Assistant  
Glacier National Park  
406.888.5838

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Superintendent Mow

Chief Ranger Paul Austin

Ranger Kyle Johnson

3-4 Park volunteers (your call here, would be great to have some of the retired folks you mentioned)

Glacier Institute Executive Director Joyce Baltz (or someone else)

USGS Research Ecologist Daniel B Fagre

*\* Happy to have your PIO or social media lead join to document the visit*

Also, it would be great if you could be the liaison with our security team as you've coordinated these types of visits to Glacier.

Let me know what you think of this.

Derick

--

Kyle Johnson

US Park Ranger

Wilderness Specialist

(406) 888-7838

[Kyle\\_Johnson@nps.gov](mailto:Kyle_Johnson@nps.gov)

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

~~~~~  
"Something hidden. Go and find it. Go and look behind the Ranges- Something lost behind the Ranges. Lost and waiting for you. Go!"

Rudyard Kipling, The Explorer

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--

Lianne Ball, Ph.D.  
Science Adviser, Environments Program  
US Geological Survey  
12201 Sunrise Valley Dr  
Mail Stop 301  
Reston, VA 20192

Ph (703) 648-4028



However beautiful the strategy, you should occasionally look at the results *Winston Churchill*

**"Soileau, Suzanna" <ssoileau@usgs.gov>**

---

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Fri Jun 23 2017 07:58:01 GMT-0600 (MDT)  
**To:** Catherine Puckett <cpuckett@usgs.gov>  
**Subject:** Re: Facebook Visit to Glacier

I did call Dan last night and make sure he sent Deb a note since EMA was getting involved. This at least was a good on top of the bad yesterday!

On Fri, Jun 23, 2017 at 7:48 AM, Catherine Puckett <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)> wrote:  
FYI, Deb. Way cool

Sent from my iPhone

Begin forwarded message:

**From:** "Ball, Lianne" <[lball@usgs.gov](mailto:lball@usgs.gov)>  
**Date:** June 23, 2017 at 8:53:03 AM EDT  
**To:** Colette Charbonneau <[ccharbonneau@usgs.gov](mailto:ccharbonneau@usgs.gov)>, Melanie Steinkamp <[msteinkamp@usgs.gov](mailto:msteinkamp@usgs.gov)>, "Puckett, Catherine" <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>, Suzanna Soileau <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

**Subject: Fwd: Facebook Visit to Glacier**

Hey guys

The schedule/program is HEAVY on NPS.

In addition to putting Dan in some USGS gear, I think the talking points should include something specific about [excellent USGS research](#)

Oh...hows about a beautiful photograph of scientists working (USGS of course) on a Glacier and signed by the folks. Framed and presented to Mark? He's all about **people**.....so he doesn't know anything about how its people that conduct research. If there's a great photo and the people arent all decked out in USGS t shirts....we could superimpose the USGS legend on the bottom left

Lianne

----- Forwarded message -----

**From:** **Wade, Anne-Berry** <[abwade@usgs.gov](mailto:abwade@usgs.gov)>  
**Date:** Thu, Jun 22, 2017 at 5:57 PM  
**Subject:** Fwd: Facebook Visit to Glacier  
**To:** "Ball, Lianne" <[lball@usgs.gov](mailto:lball@usgs.gov)>, Steven Hilburger <[shilburger@usgs.gov](mailto:shilburger@usgs.gov)>  
**Cc:** Catherine Puckett <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

here's the email. feel free to forward to those who should know.

A.B. Wade  
[USGS](#) Press Officer



703-648-4483 desk  
703-317-7871 mobile

----- Forwarded message -----

From: **Justin Pressfield** <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>  
Date: Thu, Jun 22, 2017 at 3:17 PM  
Subject: Fwd: Facebook Visit to Glacier  
To: Barbara Wainman <[bwainman@usgs.gov](mailto:bwainman@usgs.gov)>, AB Wade <[abwade@usgs.gov](mailto:abwade@usgs.gov)>, Karen Armstrong <[karmstrong@usgs.gov](mailto:karmstrong@usgs.gov)>, Leslie Jones <[ljones@usgs.gov](mailto:ljones@usgs.gov)>

Justin Pressfield  
US Department of the Interior  
US Geological Survey  
Chief of Communications, West  
Mobile: (916) 335-1211

Begin forwarded message:

**From:** "Soileau, Suzanna" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>  
**Date:** June 22, 2017 at 11:56:18 AM PDT  
**To:** Daniel Fagre <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>  
**Cc:** Paul Laustsen <[plaustsen@usgs.gov](mailto:plaustsen@usgs.gov)>, Ryan McClymont <[rmcclymont@usgs.gov](mailto:rmcclymont@usgs.gov)>, Scott Horvath <[shorvath@usgs.gov](mailto:shorvath@usgs.gov)>, Justin Pressfield <[jpressfield@usgs.gov](mailto:jpressfield@usgs.gov)>, "Regan, Claudia" <[cregan@usgs.gov](mailto:cregan@usgs.gov)>  
**Subject:** Fwd: Facebook Visit to Glacier

Hi Dan -

Pretty exciting opportunity coming our way. Mark Zuckerberg, CEO of Facebook, is traveling to Glacier and they have asked if you could join them in the field on July 15.

This is an incredible opportunity and I hope that you can make time or have one of your staff be available. See details below and let me know.

Thanks!

----- Forwarded message -----

From: **Alley, Lauren** <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>  
Date: Thu, Jun 22, 2017 at 12:47 PM  
Subject: Re: Facebook Visit to Glacier  
To: [derickmains@fb.com](mailto:derickmains@fb.com)  
Cc: "Suzanna C. Soileau" <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

Derick,

Thanks for getting in touch about this upcoming visit.

I'll be your point of contact for coordinating this trip.

Let's set up a time next week to talk through some of these details. I'm also including USGS Public Affairs Specialist Suzanna Soileau on this email as you asked about including Dan Fagre in the group.

My schedule is fairly open next Monday and Wednesday. Do you have a time that works on either of those days?

**Lauren Alley**

Management Assistant

Glacier National Park

406.888.5838

----- Forwarded message -----

From: **Johnson, Kyle** <[kyle\\_johnson@nps.gov](mailto:kyle_johnson@nps.gov)>

Date: Wed, Jun 21, 2017 at 2:49 PM

Subject: Fwd: Facebook Visit to Glacier

To: "Alley, Lauren" <[lauren\\_alley@nps.gov](mailto:lauren_alley@nps.gov)>, "Austin, Paul"

<[paul\\_austin@nps.gov](mailto:paul_austin@nps.gov)>

Lauren,

Conferenced with Derick yesterday and this is what he sent me today. Please contact him and let him know you will be the point of contact for the visit.

Thanks for your help.

----- Forwarded message -----

From: **Derick Mains** <[derickmains@fb.com](mailto:derickmains@fb.com)>

Date: Wed, Jun 21, 2017 at 12:20 PM

Subject: Facebook Visit to Glacier

To: "Johnson, Kyle" <[kyle\\_johnson@nps.gov](mailto:kyle_johnson@nps.gov)>

Cc: Derick Mains <[derickmains@fb.com](mailto:derickmains@fb.com)>

Hi Kyle,

Thanks for the time over the phone yesterday. It was good to catch up.

As I mentioned, as part of a personal challenge for 2017, Mark is spending the year traveling across the country visiting approximately the 30 states he's never been to. In doing so he has several different goals; to get out of his bubble here at Facebook and in Northern California, to visit communities and meet people he wouldn't otherwise wouldn't and most importantly learn. [Here](#) is a story the NY Times did on his travels.

We try to develop themes for the areas and people he meets with. So far, we haven't really done anything around natural resources and people who work to manage public lands. Earlier in the trip he'll be visiting a North Dakota community involved in oil production and thought that a visit to Glacier, where the effects of global warming have been widely documented, would be a good balance.

Mark would like to meet with people involved with the stewardship of the Park. This

could include Superintendent Mow, park rangers, park volunteers, someone from the Glacier Institute and someone involved in the study of climate change on the park (someone from the USGS and/or Portland State who worked on [this](#) study). If you are free, I'd like you to attend to be able talk to Mark about your 30 years in the park and your role as a backcountry ranger.

We'd also like to do this meeting a little differently. Rather than at Park HQ in a conference room we'd like to do it in a Jammer heading up the Pass. Thought is to take the meeting outside and talk about the Park in the Park. It would be great to drive up to the Pass, get out and walk the boardwalk to the Hidden Lake overlook. This would give mark the opportunity to informally interact with some of the visitors along with giving us some great photos. Let me know if you have a contact at Xanterra I could talk to about renting a Jammer for the day.

***Ideal schedule***

Saturday July 15 (*these times might get pushed back an hour or two*)

**Noon:** Mark arrives Park HQ, greeted by Superintendent Mow

**12:15** Group (people mentioned above) pile into a Jammer and head up the Going to the Sun Road

**12-15 – 1:15:** Drive the GTS to Logan Pass (discussion/meeting along the way)

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Superintendent Mow

Chief Ranger Paul Austin

Ranger Kyle Johnson

3-4 Park volunteers (your call here, would be great to have some of the retired folks you mentioned)

Glacier Institute Executive Director Joyce Baltz (or someone else)

USGS Research Ecologist Daniel B Fagre

*\* Happy to have your PIO or social media lead join to document the visit*

Also, it would be great if you could be the liaison with our security team as you've coordinated these types of visits to Glacier.

Let me know what you think of this.

Derick

--

Kyle Johnson

US Park Ranger

Wilderness Specialist

(406) 888-7838

[Kyle\\_Johnson@nps.gov](mailto:Kyle_Johnson@nps.gov)

--

Suzanna

~~~~~  
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Visit our website at: <https://www.usgs.gov/norock>  
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Rudyard Kipling, The Explorer

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--

Lianne Ball, Ph.D.  
Science Adviser, Environments Program  
US Geological Survey  
12201 Sunrise Valley Dr  
Mail Stop 301  
Reston, VA 20192

Ph (703) 648-4028

However beautiful the strategy, you should occasionally look at the results *Winston Churchill*



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USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
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# Conversation Contents

Prep for July 15 Faceook event in Glacier National Park

**"Soileau, Suzanna" <ssoileau@usgs.gov>**

---

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Fri Jun 23 2017 07:29:25 GMT-0600 (MDT)  
Daniel Fagre <dan\_fagre@usgs.gov>, Lianne Ball <lball@usgs.gov>, Debra Willard <dwillard@usgs.gov>,  
**To:** "Charbonneau, Colette" <ccharbonneau@usgs.gov>, "Steinkamp, Melanie" <msteinkamp@usgs.gov>, "Puckett, Catherine" <cpuckett@usgs.gov>, Ryan McClymont <rmcclymont@usgs.gov>, "Regan, Claudia" <cregan@usgs.gov>  
**Subject:** Prep for July 15 Faceook event in Glacier National Park

Hi All - As you have heard, Dan Fagre and I will be joining our NPS partners in Glacier National Park to accompany Facebook CEO Mark Zuckerberg on a park tour as part of a larger outdoor media campaign.

USGS will join the group and discuss our work in mountain ecosystem and Dan's years of research on glaciers.

I wanted to see everyone's availability on Thursday, June 29 at noon eastern for a call to prep?

I have a coordination meeting on Wed with NPS and FB and will have a better idea of the tour goals and opportunities for Dan and USGS.

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
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**"Soileau, Suzanna" <ssoileau@usgs.gov>**

---

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Wed Jun 28 2017 12:20:19 GMT-0600 (MDT)  
Daniel Fagre <dan\_fagre@usgs.gov>, Lianne Ball <lball@usgs.gov>, Debra Willard <dwillard@usgs.gov>, "Charbonneau, Colette" <ccharbonneau@usgs.gov>, "Steinkamp, Melanie" <msteinkamp@usgs.gov>, "Puckett, Catherine" <cpuckett@usgs.gov>, Ryan McClymont <rmcclymont@usgs.gov>, "Regan, Claudia" <cregan@usgs.gov>  
**To:**  
**Subject:** Re: Prep for July 15 Faceook event in Glacier National Park

All - The call-in number for tomorrow's 12 pm eastern call is:

(b)(5)

Looking forward to sharing the info I gathered from my call with Glacier NP and FB today. This will most certainly be an exciting opportunity for USGS.

On Fri, Jun 23, 2017 at 7:29 AM, Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)> wrote:

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Suzanna



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**"Fagre, Daniel" <[dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)>**



**From:** "Fagre, Daniel" <dan\_fagre@usgs.gov>  
**Sent:** Thu Jun 29 2017 10:02:21 GMT-0600 (MDT)  
**To:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Subject:** Re: Prep for July 15 Faceook event in Glacier National Park

security code isn't working

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\*\*\*\*\*

Daniel B. Fagre, Ph.D.  
USGS Northern Rocky Mountain Science Center  
215 Mather Drive  
Glacier National Park  
West Glacier, MT 59936  
Ph: 406-888-7922  
Email: [dan\\_fagre@usgs.gov](mailto:dan_fagre@usgs.gov)

\*\*\*\*\*



**"Soileau, Suzanna" <ssoileau@usgs.gov>**

**From:**

"Soileau, Suzanna" <ssoileau@usgs.gov>

DOI-USGS-17-0238-A, B, C-000522

**Sent:** Thu Jun 29 2017 10:30:22 GMT-0600 (MDT)  
Daniel Fagre <dan\_fagre@usgs.gov>, Lianne Ball <lball@usgs.gov>, Debra Willard <dwillard@usgs.gov>, "Charbonneau, Colette" <ccharbonneau@usgs.gov>, "Steinkamp, Melanie" <msteinkamp@usgs.gov>, "Puckett, Catherine" <cpuckett@usgs.gov>, Ryan McClymont <rmcclymont@usgs.gov>, "Regan, Claudia" <cregan@usgs.gov>, Scott Horvath <shorvath@usgs.gov>, Justin Pressfield <jpressfield@usgs.gov>, Anne-Berry Wade <abwade@usgs.gov>

**To:**

**Subject:** Re: Prep for July 15 Faceook event in Glacier National Park

Thanks for the call - we will keep everyone posted as things develop!

<http://www.overdriveonline.com/facebook-founder-zuckerberg-hears-truckers-concerns-at-iowa-80-truck-stop/>

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USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

~~~~~  
"Something hidden. Go and find it. Go and look behind the Ranges- Something lost behind the Ranges. Lost and waiting for you. Go!"

Rudyard Kipling, The Explorer

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# Conversation Contents

Prep for July 15 Faceook event in Glacier National Park

**"Soileau, Suzanna" <ssoileau@usgs.gov>**

---

**From:** "Soileau, Suzanna" <ssoileau@usgs.gov>  
**Sent:** Thu Jun 29 2017 10:30:22 GMT-0600 (MDT)  
Daniel Fagre <dan\_fagre@usgs.gov>, Lianne Ball <lball@usgs.gov>, Debra Willard <dwillard@usgs.gov>, "Charbonneau, Colette" <ccharbonneau@usgs.gov>, "Steinkamp, Melanie" <msteinkamp@usgs.gov>, "Puckett, Catherine" <cpuckett@usgs.gov>, Ryan McClymont <rmcclymont@usgs.gov>, "Regan, Claudia" <cregan@usgs.gov>, Scott Horvath <shorvath@usgs.gov>, Justin Pressfield <jpressfield@usgs.gov>, Anne-Berry Wade <abwade@usgs.gov>  
**To:**  
**Subject:** Re: Prep for July 15 Faceook event in Glacier National Park

Thanks for the call - we will keep everyone posted as things develop!

<http://www.overdriveonline.com/facebook-founder-zuckerberg-hears-truckers-concerns-at-iowa-80-truck-stop/>

On Wed, Jun 28, 2017 at 12:20 PM, Soileau, Suzanna <ssoileau@usgs.gov> wrote:

All - The call-in number for tomorrow's 12 pm eastern call is:

(b)(5)

Looking forward to sharing the info I gathered from my call with Glacier NP and FB today. This will most certainly be an exciting opportunity for USGS.

On Fri, Jun 23, 2017 at 7:29 AM, Soileau, Suzanna <ssoileau@usgs.gov> wrote:

Hi All - As you have heard, Dan Fagre and I will be joining our NPS partners in Glacier National Park to accompany Facebook CEO Mark Zukerberg on a park tour as part of a larger outdoor media campaign.

USGS will join the group and discuss our work in mountain ecosystem and Dan's years of research on glaciers.

I wanted to see everyone's availability on Thursday, June 29 at noon eastern for a call to prep?

I have a coordination meeting on Wed with NPS and FB and will have a better idea of the tour goals and opportunities for Dan and USGS.

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

Visit our website at: <https://www.usgs.gov/norock>

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--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
Email: [ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)

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message or any part of it. If you have received this message in error, please notify the sender immediately by e-mail and delete all copies of the message.

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
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Regan, Claudia <cregan@usgs.gov>

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## Chat with Soileau, Suzanna

July 17, 2017

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**Soileau, Suzanna** - 10:19 AM

(b)(5)

**Regan, Claudia** - 10:28 AM

hey.....can you give me catherine's number. have a question i should have posed

**Soileau, Suzanna** - 10:29 AM

yes one sec

352-377-2469

Dan has a heads up. Sounds like Betsy H will follow up on Jake Horowitz inquiry - she spoke with Justin

I have a coordination meeting on Wed with NPS and FB and will have a better idea of the tour goals and opportunities for Dan and USGS.

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
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**Catherine Puckett <cpuckett@usgs.gov>**

Ju  
n  
23

to Suzanna

Wish I could be there. Lucky you

Sent from my iPhone

**Soileau, Suzanna <ssoileau@usgs.gov>**

Ju  
n  
28

 to Daniel, Lianne, Debra, Colette, Melanie, me, Ryan, Claudia

All - The call-in number for tomorrow's 12 pm eastern call is:

(b)(5)

Looking forward to sharing the info I gathered from my call with Glacier NP and FB today. This will most certainly be an exciting opportunity for USGS.

---

Soileau, Suzanna <[ssoileau@usgs.gov](mailto:ssoileau@usgs.gov)>

Ju  
n  
29

to Scott, Justin, Anne-Berry, Daniel, Lianne, Debra, Colette, Melanie, me, Ryan, Claudia

Thanks for the call - we will keep everyone posted as things develop!

<http://www.overdriveonline.com/facebook-founder-zuckerberg-hears-truckers-concerns-at-iowa-80-truck-stop/>

---

**Urgent inquiry for timely story**

Jul  
17

Jake Horowitz [jhorowitz@mic.com](mailto:jhorowitz@mic.com) via [gmail.com](mailto:jhorowitz@gmail.com)  
to me

Catherine,

My name is Jake Horowitz, I'm the co-founder of Mic. I'm getting in touch because I'm working on an important story surrounding Mark Zuckerberg's trip to Glacier National Park. It's quite timely and I'd like to connect ASAP (I also tried calling you and left a message).

Do you have a few mins? [914 527 2864](tel:9145272864)

Thank you  
Jake

Co-founder, Editor-at-large

**Jake Horowitz**

[@jacobdhorowitz](https://twitter.com/jacobdhorowitz) | 914-527-2864

---



Freedom of Information Act, GS-D-EI\_ &lt;foia@usgs.gov&gt;

---

**Fwd: Facebook Visit to Glacier**

1 message

---

**Jones, Leslie** <ljones@usgs.gov>

Tue, Sep 19, 2017 at 1:39 PM

To: "Freedom of Information Act, GS-GIO" &lt;foia@usgs.gov&gt;

----- Forwarded message -----

From: **Wade, Anne-Berry** <abwade@usgs.gov>

Date: Tue, Jul 11, 2017 at 3:47 PM

Subject: Fwd: Facebook Visit to Glacier

To: Heather Swift &lt;heather\_swift@ios.doi.gov&gt;

Cc: Betsy Hildebrandt &lt;bhildebrandt@usgs.gov&gt;

Here's the email between FB's Derrick Mains and Glacier NP staff.

A.B. Wade

USGS Press Officer

703-648-4483 desk

703-317-7871 mobile

----- Forwarded message -----

From: **Soileau, Suzanna** <ssoileau@usgs.gov>

Date: Thu, Jun 22, 2017 at 2:56 PM

Subject: Fwd: Facebook Visit to Glacier

To: Daniel Fagre &lt;dan\_fagre@usgs.gov&gt;

Cc: Paul Laustsen &lt;plaustsen@usgs.gov&gt;, Ryan McClymont &lt;rmcclymont@usgs.gov&gt;, Scott Horvath &lt;shorvath@usgs.gov&gt;, Justin Pressfield &lt;jpressfield@usgs.gov&gt;, "Regan, Claudia" &lt;cregan@usgs.gov&gt;

Hi Dan -

Pretty exciting opportunity coming our way. Mark Zuckerberg, CEO of Facebook, is traveling to Glacier and they have asked if you could join them in the field on July 15.

This is an incredible opportunity and I hope that you can make time or have one of your staff be available. See details below and let me know.

Thanks!

----- Forwarded message -----

From: **Alley, Lauren** <lauren\_alley@nps.gov>

Date: Thu, Jun 22, 2017 at 12:47 PM

Subject: Re: Facebook Visit to Glacier

To: [derickmains@fb.com](mailto:derickmains@fb.com)

Cc: "Suzanna C. Soileau" &lt;ssoileau@usgs.gov&gt;

Derick,

Thanks for getting in touch about this upcoming visit.

I'll be your point of contact for coordinating this trip.

Let's set up a time next week to talk through some of these details. I'm also including USGS Public Affairs Specialist Suzanna Soileau on this email as you asked about including Dan Fagre in the group.

DOI-USGS-17-0238-A, B, C-000532

My schedule is fairly open next Monday and Wednesday. Do you have a time that works on either of those days?

**Lauren Alley**  
Management Assistant  
Glacier National Park  
406.888.5838

----- Forwarded message -----

From: **Johnson, Kyle** <kyle\_johnson@nps.gov>  
Date: Wed, Jun 21, 2017 at 2:49 PM  
Subject: Fwd: Facebook Visit to Glacier  
To: "Alley, Lauren" <lauren\_alley@nps.gov>, "Austin, Paul" <paul\_austin@nps.gov>

Lauren,

Conferenced with Derick yesterday and this is what he sent me today. Please contact him and let him know you will be the point of contact for the visit.

Thanks for your help.

----- Forwarded message -----

From: **Derick Mains** <derickmains@fb.com>  
Date: Wed, Jun 21, 2017 at 12:20 PM  
Subject: Facebook Visit to Glacier  
To: "Johnson, Kyle" <kyle\_johnson@nps.gov>  
Cc: Derick Mains <derickmains@fb.com>

Hi Kyle,

Thanks for the time over the phone yesterday. It was good to catch up.

As I mentioned, as part of a personal challenge for 2017, Mark is spending the year traveling across the country visiting approximately the 30 states he's never been to. In doing so he has several different goals; to get out of his bubble here at Facebook and in Northern California, to visit communities and meet people he wouldn't otherwise wouldn't and most importantly learn. [Here](#) is a story the NY Times did on his travels.

We try to develop themes for the areas and people he meets with. So far, we haven't really done anything around natural resources and people who work to manage public lands. Earlier in the trip he'll be visiting a North Dakota community involved in oil production and thought that a visit to Glacier, where the effects of global warming have been widely documented, would be a good balance.

Mark would like to meet with people involved with the stewardship of the Park. This could include Superintendent Mow, park rangers, park volunteers, someone from the Glacier Institute and someone involved in the study of climate change on the park (someone from the USGS and/or Portland State who worked on [this](#) study). If you are free, I'd like you to attend to be able talk to Mark about your 30 years in the park and your role as a backcountry ranger.

We'd also like to do this meeting a little differently. Rather than at Park HQ in a conference room we'd like to do it in a Jammer heading up the Pass. Thought is to take the meeting outside and talk about the Park in

DOI-USGS-17-0238-A, B, C-000533

the Park. It would be great to drive up to the Pass, get our and walk the boardwalk to the Hidden Lake overlook. This would give mark the opportunity to informally interact with some of the visitors along with giving us some great photos. Let me know if you have a contact at Xanterra I could talk to about renting a Jammer for the day.

### ***Ideal schedule***

Saturday July 15 (*these times might get pushed back an hour or two*)

**Noon:** Mark arrives Park HQ, greeted by Superintendent Mow

**12:15** Group (people mentioned above) pile into a Jammer and head up the Going to the Sun Road

**12-15 – 1:15:** Drive the GTS to Logan Pass (discussion/meeting along the way)

**1:15 – 2:00:** Hike to Hidden Lake Overlook

**2:15 – 3:15:** Drive to West Glacier (in Facebook vehicle en route to another visit)

### ***Possible attendees***

Superintendent Mow

Chief Ranger Paul Austin

Ranger Kyle Johnson

3-4 Park volunteers (your call here, would be great to have some of the retired folks you mentioned)

Glacier Institute Executive Director Joyce Baltz (or someone else)

USGS Research Ecologist Daniel B Fagre

*\* Happy to have your PIO or social media lead join to document the visit*

Also, it would be great if you could be the liaison with our security team as you've coordinated these types of visits to Glacier.

Let me know what you think of this.

Derick

--  
Kyle Johnson  
US Park Ranger  
Wilderness Specialist  
(406) 888-7838  
[Kyle\\_Johnson@nps.gov](mailto:Kyle_Johnson@nps.gov)

--

Suzanna

~~~~~  
Suzanna C. Soileau  
Outreach Physical Scientist  
USGS-NOROCK  
2327 University Way, Suite 2  
Bozeman, MT 59715  
Phone: 406-994-7257  
Fax: 406-994-6556  
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~~~~~  
Leslie W. Jones  
Science Publishing Network Chief and  
Deputy Associate Director, Office of Communications and Publishing  
U.S. Geological Survey  
MS 119 National Center  
Reston, VA 20192  
703-648-4354 FAX: 703-648-4466  
[ljones@usgs.gov](mailto:ljones@usgs.gov)  
~~~~~



## United States Department of the Interior

U.S. GEOLOGICAL SURVEY  
12201 Sunrise Valley Drive  
Reston, VA 20192-0002

In Reply Refer To: September 20, 2017  
U.S. Geological Survey  
Attention: Freedom of Information Act Office  
12201 Sunrise Valley Drive, Mail Stop 159  
Reston, Virginia 20192-0002

Mr. Austin R. Evers  
American Oversight  
1030 15th Street NW  
Suite B255  
Washington, D.C. 20005  
[foia@americanoversight.org](mailto:foia@americanoversight.org)

*Transmitted by electronic mail*

Re: U.S. Geological Survey (USGS) Freedom of Information Act (FOIA) Tracking #  
USGS-2017-00170

Dear Mr. Evers:

This is our final response to your Freedom of Information Act (FOIA) request dated July 21, 2017, assigned tracking number 2017-00170. You requested the following information:

1. *Any communications regarding Mr. Zuckerberg's visit to Glacier National Park between or among any of the following:*
  - a. *Heather Swift;*
  - b. *any other public affairs or external relations employees within the Office of the Secretary;*
  - c. *any other public affairs or external relations employees within the NPS (including the Intermountain Region or Glacier National Park);*
  - d. *any other public affairs or external relations employees within USGS;*
  - e. *any political appointee or SES employee within the Office of the Secretary of the Interior;*
  - f. *any employee within the NPS Office of the Director;*
  - g. *any employee of the NPS Office of the Deputy Director for Congressional and External Relations;*
  - h. *any employee of the NPS Intermountain Region; or*



*i. any employee of the USGS Office of the Director.*

*This request includes emails, memoranda, other written communications, and records reflecting telephone calls.*

*2. Any communications regarding Mr. Zuckerberg’s visit to Glacier National Park between Mr. Zuckerberg, any Facebook employee or representative, or any other person acting on his behalf and:*

*a. Heather Swift;*

*b. any other public affairs or external relations employees within the Office of the Secretary;*

*c. any other public affairs or external relations employees within the NPS (including the Intermountain Region or Glacier National Park);*

*d. any other public affairs or external relations employees within USGS;*

*e. any political appointee or SES employee within the Office of the Secretary of the Interior;*

*f. any employee within the NPS Office of the Director;*

*g. any employee of the NPS Office of the Deputy Director for Congressional and External Relations;*

*h. any employee of the NPS Intermountain Region; or*

*i. any employee of the USGS Office of the Director.*

*This request includes emails, memoranda, other written communications, and records reflecting telephone calls.*

*3. Any communications sent or received by Jeff Mow or Daniel Fagre regarding Mr. Zuckerberg’s visit to Glacier National Park, including regarding their participation or nonparticipation in that visit. This request includes records reflecting telephone calls in addition to emails, memoranda, and other written communications.*

*4. Any directive from (a) Heather Swift, (b) any other public affairs or external relations employees within the Office of the Secretary, the NPS (including the Intermountain Region), Glacier National Park, or the USGS, (c) any political appointee or SES employee within the Office of the Secretary of the Interior, or (d) any employee within the NPS Office of the Director, the NPS Office of the Deputy Director for Congressional and External Relations, or the USGS Office of the Director that any NPS or USGS employee—including, but not limited to, Jeff Mow or Daniel Fagre—not attend Mr. Zuckerberg’s visit to Glacier National Park or communicate with Mr. Zuckerberg.*

*5. Any guidance or directive provided to DOI, NPS, or USGS personnel regarding use of social media in connection with Mr. Zuckerberg’s visit to Glacier National Park, including any directions not to post or repost information about that visit.*

*Please provide all responsive records from January 20, 2017, to the date the search is conducted.*

*In addition to the records requested above, American Oversight also requests records describing the processing of this request, including records sufficient to identify search terms used and locations and custodians searched and any tracking sheets used to track the processing of this request. If your agency uses FOIA questionnaires or certifications completed by individual custodians or components to determine whether they possess responsive materials or to describe how they conducted searches, we also request any such records prepared in connection with the processing of this request.*

We provided two interim responses and records related to the subject matter of this request on August 25, 2017, and September 12, 2017, respectively. We are releasing one hundred and forty-nine (149) pages previously released to another FOIA requester. Our Interim Responses cover items 1 (a), (d), (h) and (i); item 2 (d) and (h); and item 3.

After a thorough search of our files, the USGS did not locate records responsive to the remaining items of your request. Additionally, we did not possess records describing the processing of your request prior to searching for records responsive to your request. We did not compile tracking spreadsheets and search terms before the date of the search began; however, we did compile a tracking spreadsheet after our search began and while processing your request and the other requests for the same subject matter. Our office provides notifications to potential record-holders requesting a search for records, which includes information for conducting the records search, but we do not provide questionnaires or certifications. There are no records connected with the processing of the request that were in existence before the search began. If you would like copies of the tracking spreadsheet that we used while processing your request and the other requests, please submit an additional FOIA request.

We have classified you as an “other-use” requester. We granted your request for a fee waiver on July 24, 2017. As such, you are not being charged for the processing of your request.

Ms. Litsa Marinos, U.S. Geological Survey, Government Information Specialist, is responsible for this partial denial.

You may appeal this partial denial response to the Department’s FOIA/Privacy Act Appeals Officer. If you choose to appeal, the FOIA/Privacy Act Appeals Officer must receive your FOIA appeal **no later than 90 workdays** from the date of this letter. Appeals arriving or delivered after 5 p.m. Eastern Time, Monday through Friday, will be deemed received on the next workday. **Your appeal must be made in writing.** You may submit your appeal and accompanying materials to the FOIA/Privacy Act Appeals Officer by mail, courier service, fax, or email. All communications concerning your appeal should be clearly marked with the words: “FREEDOM OF INFORMATION APPEAL.” You must include an explanation of why you believe the USGS’s response is in error.

You must also include with your appeal copies of all correspondence between you and USGS concerning your FOIA request, including your original FOIA request and USGS's response. Failure to include with your appeal all correspondence between you and USGS will result in the Department’s rejection of your appeal, unless the FOIA/Privacy Act Appeals Officer determines (in the FOIA/Privacy Act Appeals Officer’s sole discretion) that good cause exists to accept the defective appeal. Please include your name and daytime telephone number (or the name and telephone number of an appropriate contact), email address and fax number (if available) in case the FOIA/Privacy Act Appeals Officer needs additional information or clarification of your appeal.

*DOI FOIA/Privacy Act Appeals Office Contact Information:*

Department of the Interior  
Office of the Solicitor  
1849 C Street, N.W.  
MS-6556 MIB  
Washington, DC 20240  
Telephone: (202) 208-5339  
Fax: (202) 208-6677  
Email: [FOIA.Appeals@sol.doi.gov](mailto:FOIA.Appeals@sol.doi.gov)

Additionally, as part of the 2007 OPEN Government Act FOIA amendments, the Office of Government Information Services (OGIS) was created to offer mediation services to resolve disputes between FOIA requesters and Federal agencies as a nonexclusive alternative to litigation. Using OGIS services does not affect your right to pursue litigation. You may contact OGIS in any of the following ways:

Office of Government Information Services (OGIS)  
National Archives and Records Administration  
Room 2510  
8601 Adelphi Road  
College Park, Maryland 20740-6001  
Telephone: (202) 741-5770  
Fax: (202) 741-5769  
Toll-free: 1-877-684-6448  
Email: [ogis@nara.gov](mailto:ogis@nara.gov)  
Web: <https://ogis.archives.gov>

Please note that using OGIS services does not affect the timing of filing an appeal with the Department's FOIA & Privacy Act Appeals Officer. You also may seek dispute resolution services from our FOIA Public Liaison, Mr. Brian May, by phone at (443) 498-5521, by electronic mail at [foia@usgs.gov](mailto:foia@usgs.gov), or by mail at U.S. Geological Survey, 5522 Research Park Drive, Baltimore, MD 21228.

This completes our response to your request. If you have any questions, please feel free to contact me at [foia@usgs.gov](mailto:foia@usgs.gov), by phone at (703) 648-7179, or by mail at 12201 Sunrise Valley Drive, MS 159, Room 4B105, Reston, Virginia 20192-0002.

Sincerely,

*Litsa Marinos*

Litsa Marinos  
U.S. Geological Survey  
Government Information Specialist

Enclosure:  
2017-00170 – Final Response (149 pages)