

# Field Notes from the House Science Committee

Presentation by Samantha Staskiewicz



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**FYI Bulletin**

 **Geoscientists Call for Reinforcing Glacier and Ice Sheet Research**  
24 July 2019

 **Budget Deal Paves Way for Science Spending Boosts**  
23 July 2019

 **Politics and Scientific Integrity Clash at House Hearing**  
19 July 2019

**FYI This Week**

 **The Week of July 22, 2019**

- Budget Negotiations Intensify
- House to Vote on Sexual Harassment Bill
- Droegelemer Appearing Before Appropriators
- Plus: Upcoming Events / Opportunities / Around the Web

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 **FYI Science Policy** @FYIscipolicy · Jul 22  
This week in science policy:

- Budget cap negotiations intensify
- House to vote on sexual harassment bill
- Top OSTP officials testifying on Capitol Hill
- Harvard president criticizes visa uncertainties
- Plus much more in FYI This Week



# Internship Responsibilities

## SCIENCE WRITING

Sections of weekly newsletters and  
full-length articles

## BUDGET CHARTS

Analysis of funding

## BILLS AND AMENDMENTS

Summaries and sorting

## EVENTS

NIST, NSF, NIH, DOE, DOI,  
House Science Committee

# Glacier Bulletin

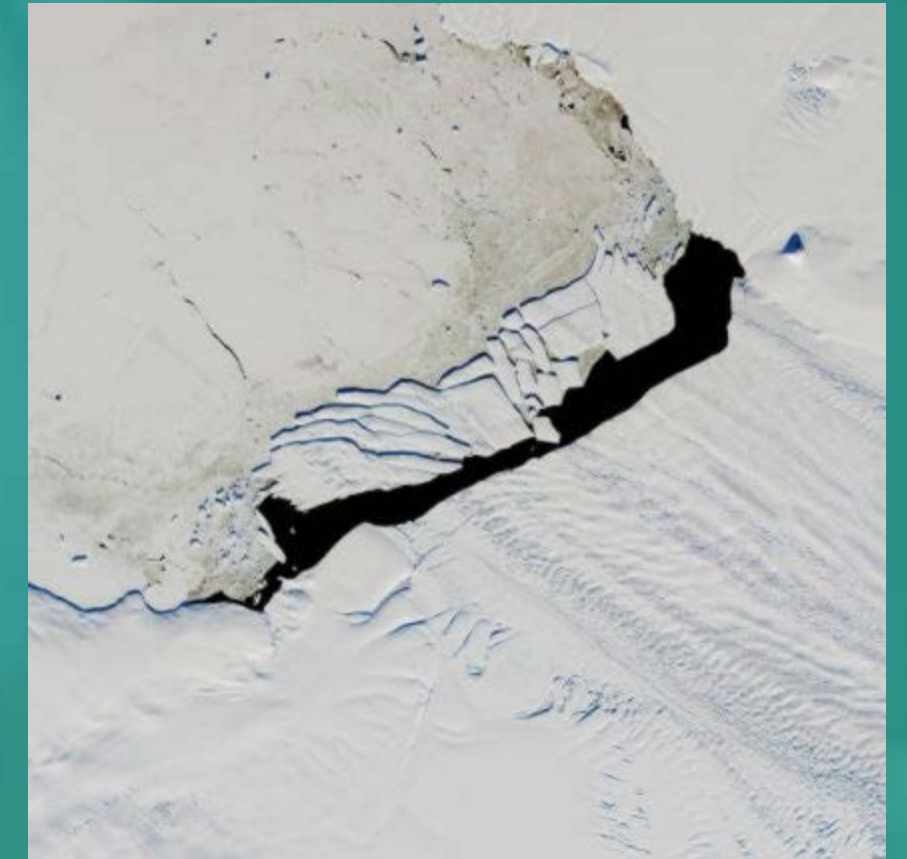


## Geoscientists Call for Reinforcing Glacier and Ice Sheet Research

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Publication date: 24 July 2019      Number: 65

A panel of scientists recently warned the House Science Committee about the consequences of accelerating ice sheet and glacier melting around the globe. Given remaining uncertainties surrounding rates of sea level rise and its impacts, they urged Congress to invest in data collection, multidisciplinary research, and research workforce development.



### About the Author

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# Hearing Structure



Different committees and subcommittees



Opening statements from chairperson and ranking member



Opening statements from witnesses



Five minutes of questions from each representative

# WITNESSES

**Richard Alley**

*Professor at Penn State University*

**Robin Bell**

*President of the American Geophysical Union*

**Twila Moon**

*Research Scientist at the National Snow and Ice Data Center*

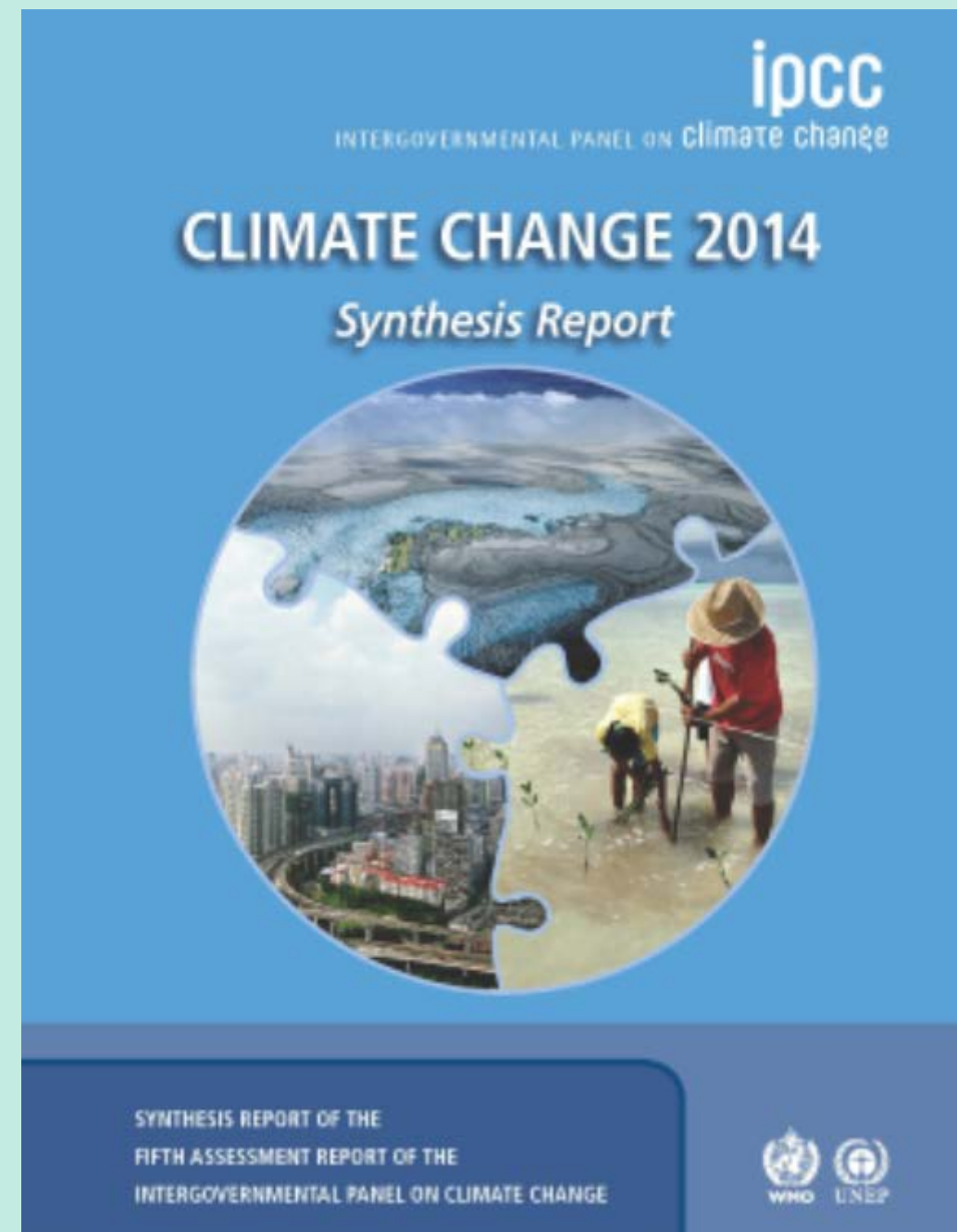
**Gabriel Wolkon**

*Research Scientist at the Alaska Department of Natural Resources*

**Tad Pfeffer**

*Professor at the University of Colorado*

# Scientific Overview



Discussion charts uncertainties



When asked to quantify possible rather than projected sea level rise...

*“I surely wish I knew. This is a frustration for us at a level that is deep. I wake up at two in the morning and I look at the ceiling and I say, ‘What do I tell somebody?’” - Alley*

*“If we're looking at one foot by 2035, that would be about 140,000 homes. If we're looking at four feet of sea level rise, that's about 1.2 million homes. If we're looking at two feet, that's about 300,000 homes. So, it's in the hundreds of thousands.”- Moon*





# Extreme Weather

# Current gaps in ice sheet research

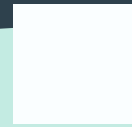
*"We can't model that problem out of the way, with computers or with our knowledge of mathematics and mechanics. We actually have to get in — literally, in and under the glaciers — to see what's happening."*

*-Pfeffer*

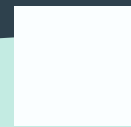


Workforce emphasized

# Workforce recommendations



FIELDWORK  
OPPORTUNITIES FOR  
STUDENTS



COORDINATION  
AMONG AGENCIES/  
PRIORITIZATION



CONVERGENCE  
RESEARCH



INSPIRING THE NEXT  
GENERATION OF  
GLACIOLOGISTS

## THANK YOU FYI TEAM!

Mitch, Will, Adria, and Jonny

## THANK YOU SPS!

Kayla, Brad, and Danielle

## FELLOW INTERNS

You know who you are :)

