

# WELCOME

## ARCUS Arctic Research Seminar Series

Marine Research in the North Pacific:  
The changing landscape for fisheries, ecosystems, and science  
funding in Alaskan waters



**29 September 2017**

Presented by Betsy Baker  
North Pacific Research Board




#arcuswebinar

# Communication

Communication Workshop for  
Researchers Studying Arctic  
Environmental Change

**Metcalf**  
Metcalf Institute for Marine & Environmental Reporting



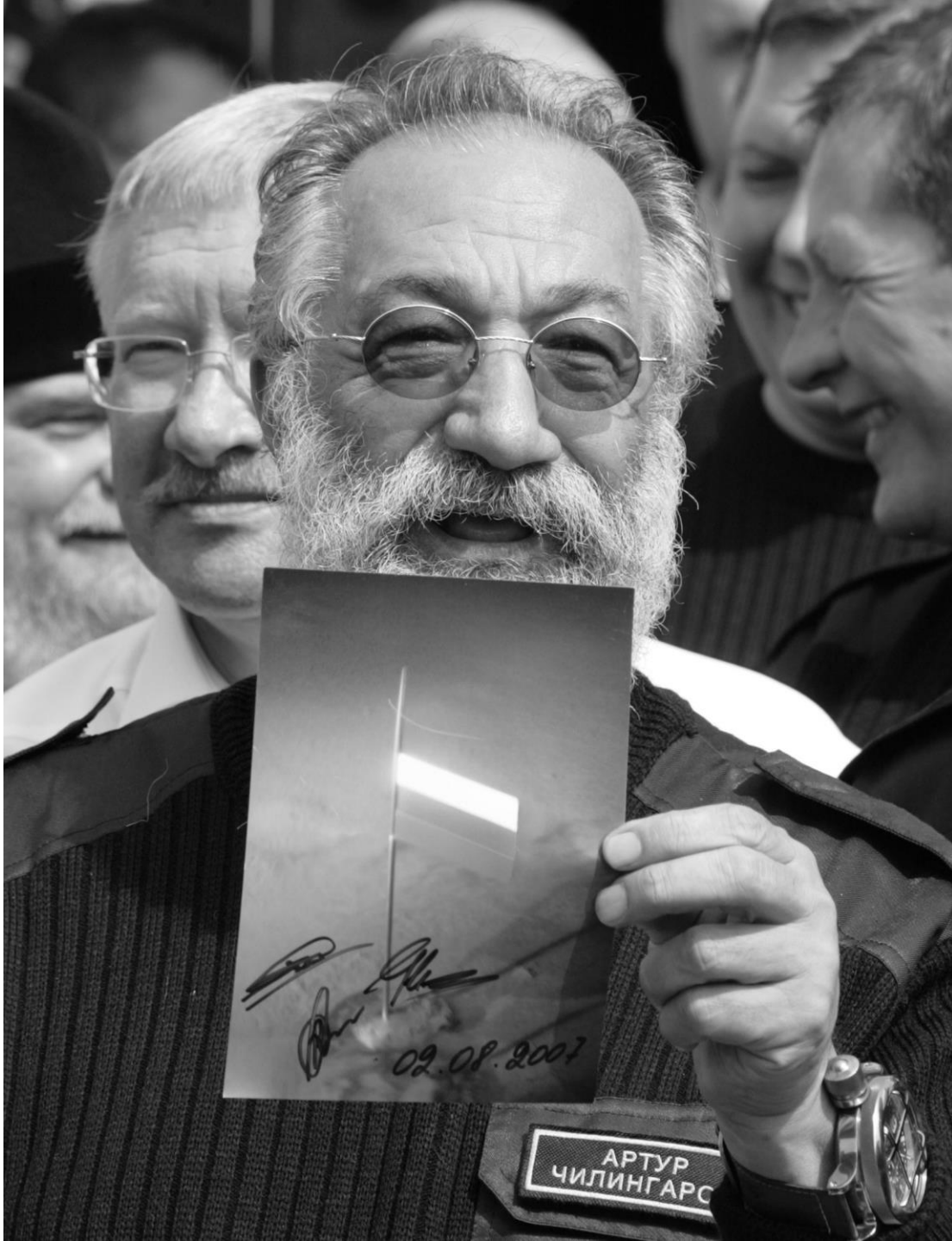
Marine Research in the North Pacific:  
The changing landscape for fisheries, ecosystems, and  
science funding in Alaskan waters

**2007**

**2007**

# WHAT'S CHANGED?

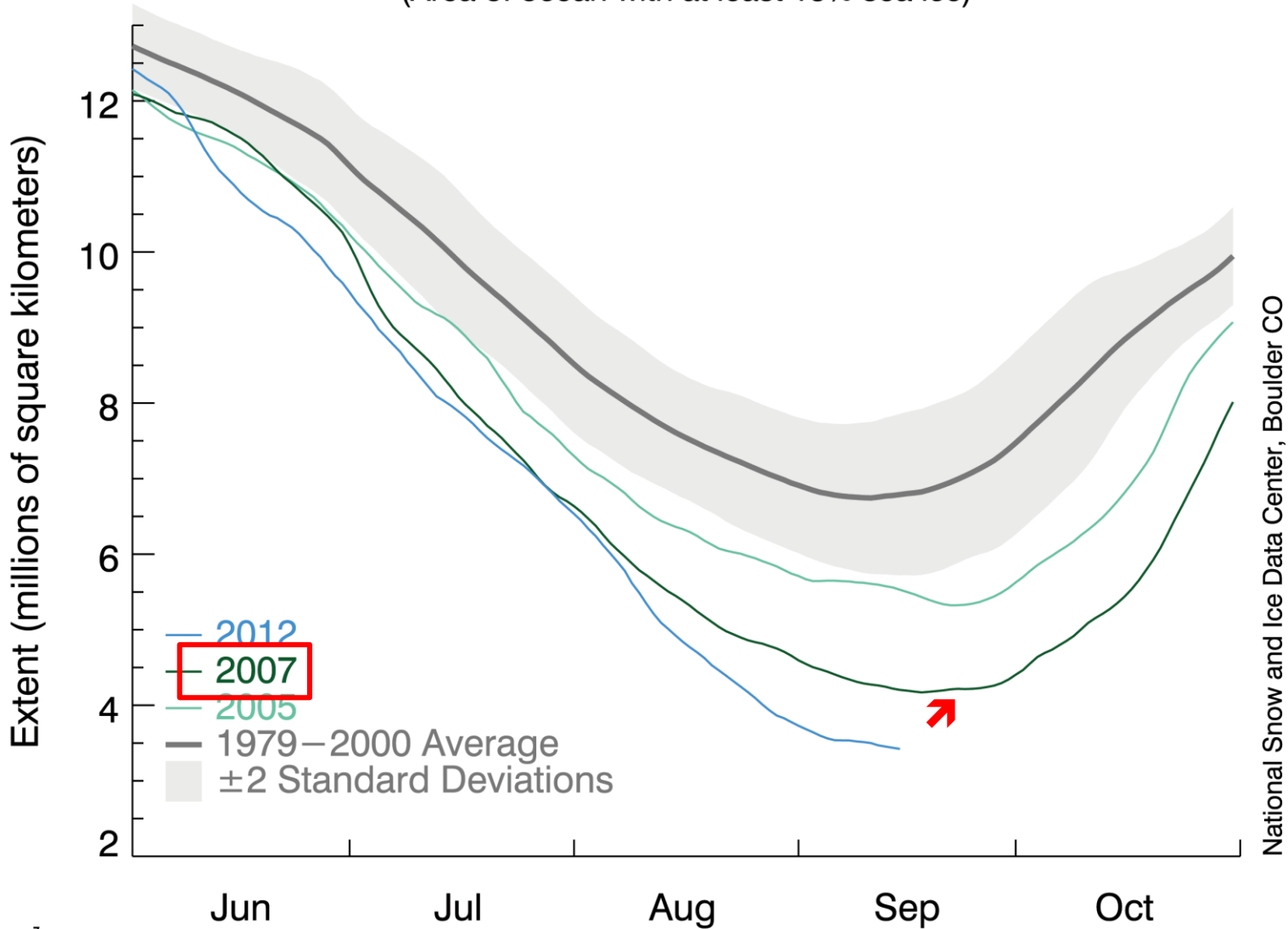
- Your trajectory
- Your scientific discipline
- Your research funding



АРТУР  
ЧИЛИНГАРС

02.08.2007

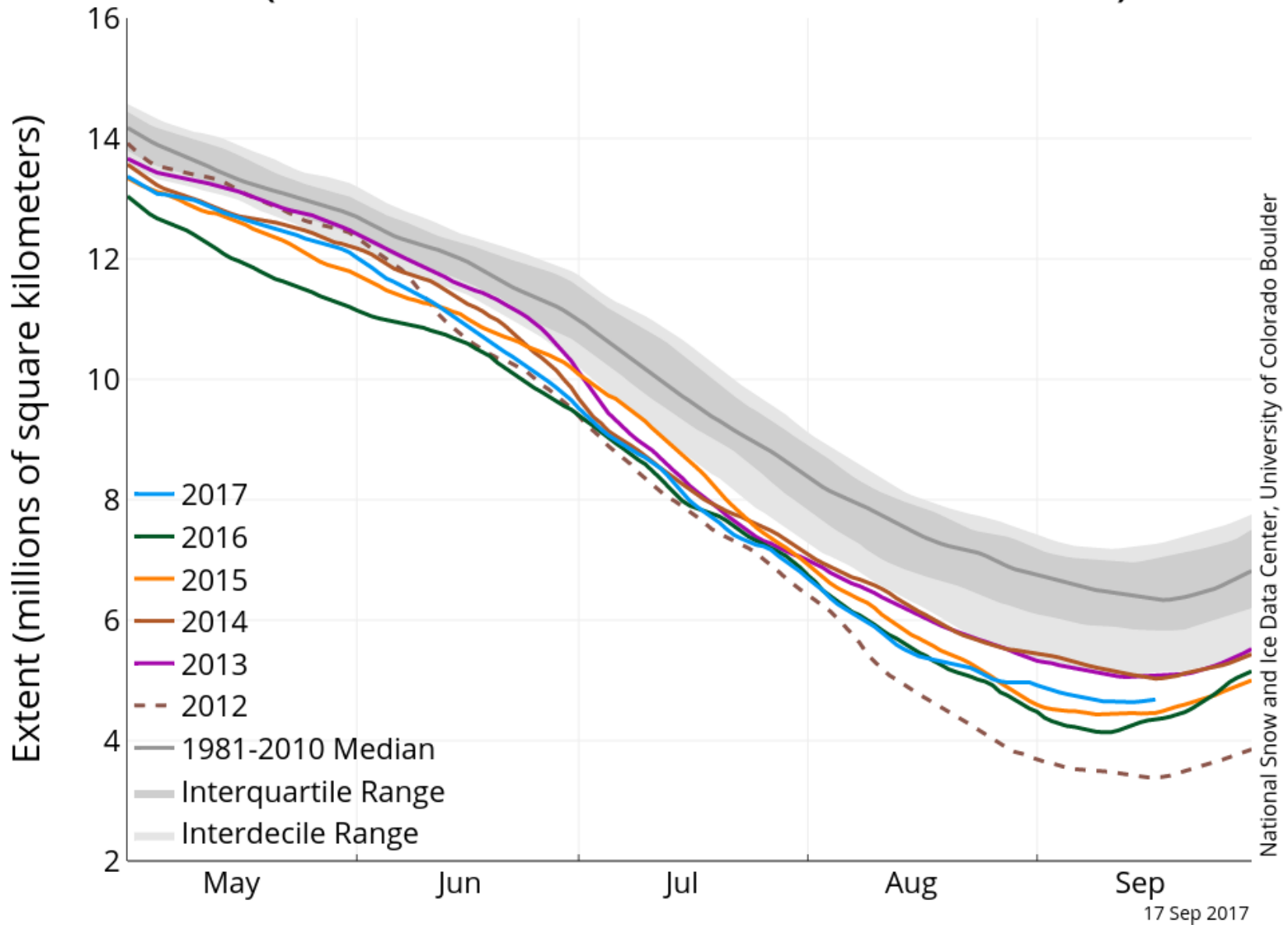
# Arctic Sea Ice Extent (Area of ocean with at least 15% sea ice)



National Snow and Ice Data Center, Boulder CO

# Arctic Sea Ice Extent

(Area of ocean with at least 15% sea ice)



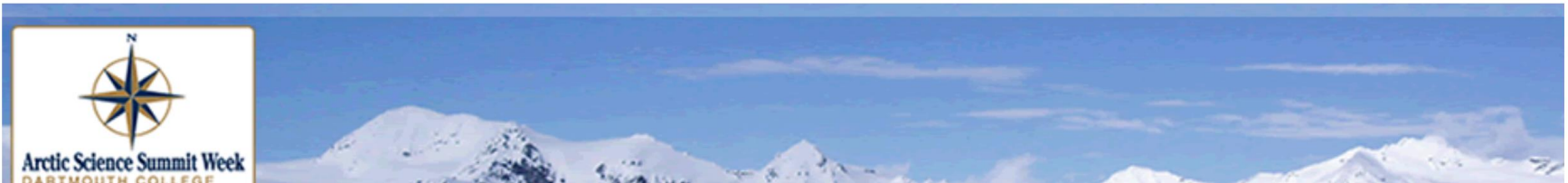




**Arctic Observing Summit 2016 Conference Declaration**  
“... involvement of Arctic Indigenous Knowledge holders,  
for the use of Indigenous Knowledge  
and the co-production of knowledge. Develop mechanisms to enable  
collaborative approaches and building of trust among partners ...”

# Arctic Science Summit Week 2007

March 14-20, 2007



## WHAT'S CHANGED?

- Your scientific discipline
- Your trajectory
- Your research funding



# THE NORTH PACIFIC RESEARCH BOARD

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Supporting peer-reviewed scientific research in the Gulf of Alaska,  
Bering Sea/Aleutian Islands, and Chukchi/Beaufort Seas that informs  
effective management and sustainable use of marine resources.

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# MISSION

- Building a clear understanding of North Pacific, Bering Sea and Arctic Ocean ecosystems that enables effective management and sustainable use of marine resources
- Legislative priority: "cooperative research designed to address pressing fishery management or marine ecosystem information needs" 43 USC §1474d



**Communication**    **CORE PROGRAM**

**Integration**    **INTEGRATED  
ECOSYSTEM  
RESEARCH  
PROGRAMS**



# CORE PROGRAM

- Target funding \$4.5 million per cycle
- 1-5 year studies
- 666 projects funded since 2002
- Ca. 90 active projects





# CORE PROGRAM

- Communication and Outreach
- <https://www.nprb.org/nprb/communications/>



# INTEGRATED ECOSYSTEM RESEARCH PROGRAMS

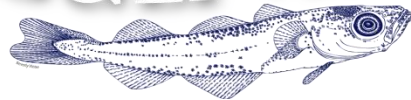


2009-2012

\$52 million partnership with National Science Foundation

The logo for the Gulf of Alaska Project features the words "GULF of ALASKA" in a bold, sans-serif, all-caps font. Below "GULF of ALASKA", the word "PROJECT" is written in a smaller, sans-serif, all-caps font. A thin, curved line underlines the "GULF of ALASKA" text.

GULF of ALASKA  
PROJECT



2010-2014

\$18 million partnership with NOAA Alaska Fisheries Science Center



2016-2021

\$16 million partnership with Bureau of Ocean Energy Management, Collaborative Alaskan Arctic Studies Program, Office of Naval Research  
In kind: NOAA, NSF, UAF





- 27 PIs from 11 institutions



How will reductions in Arctic sea ice and the associated changes in the physical environment influence the flow of energy through the ecosystem in the Chukchi Sea ?



Infrastructure for Integration

Communication

# Communication Workshop for Researchers Studying Arctic Environmental Change



**Metcalf**  
Metcalf Institute for Marine & Environmental Reporting

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[www.nprb.org](http://www.nprb.org)



# THANK YOU!

- **Upcoming Arctic Research Seminars**
  - 10/4/17: Peter Pulsifer (NSIDC)
  - 11/30/17: Courtney Carothers (UAF) & Laura Zanotti (Purdue)
  - 02/12/17: Roberto Delgado & Andrea Marques Horvath (NIMH)
  
- Please visit ARCUS online to find
  - ARCUS Seminar Series recordings: <https://goo.gl/Wymkd7>
  - Opportunities to participate in ARCUS' Defend Arctic Research campaign: <https://goo.gl/aagB5s>
  
- Please consider becoming an ARCUS member!  
<https://goo.gl/u4662D>



#arcuswebinar