

*The National Academies of*  
**SCIENCES • ENGINEERING • MEDICINE**

**Sustaining Ocean Observations Phase 2: Workshop**

September 16-18, 2020

Virtual

All times are EDT

**Meeting goals/vision:** There is wide recognition within the ocean observing community that enhanced coordination and partnership among federal agencies, academic and research institutions, the private sector, and others, could contribute to a stronger collective impact. This workshop will explore how adoption of a collective impact organization framework could be undertaken, to help overcome existing barriers to sustained ocean observations including governance and funding, as well as consider processes by which messaging about the value of these observations can be improved.

<b>Wednesday, September 16, 2020</b>
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- 1:00 PM      **Introduction and meeting goals**  
Eric Lindstrom, *Saildrone, Workshop Committee Co-Chair*  
Molly McCammon, *Alaska Ocean Observing System, Workshop Committee Co-Chair*  
Emily Twigg, *National Academies of Sciences, Engineering, and Medicine*
- 1:10 PM      **Opening Remarks**  
Marcia McNutt, President, *National Academy of Sciences*
- 1:15 PM      **Keynote Addresses**  
Sen. Sheldon Whitehouse (D-RI)  
Sen. Lisa Murkowski (R-AK)

**Session 1: Strengthening the Collective Voice: Communicating the Importance of Sustained Ocean Observations**

*Session description:* Sustained ocean observations provide a range of benefits to society and hold great economic and ecosystem service values, yet articulating these values with a collective voice has proved challenging to the observing community. This session will provide an opportunity to explore how to better connect community voices and the role a revamped/new collective impact organization could play in developing a more focused communications strategy for the ocean observing community.

- 1:35 PM      **Moderated Panel Discussion**  
Moderators: Lexi Shultz, *American Geophysical Union*  
David Millar, *Fugro, Workshop Committee Member*

Panelists:

- Heidi Sosik, *Woods Hole Oceanographic Institution*
- Dina Eparkhina, *EuroGOOS*
- Jyotika Virmani, *Schmidt Ocean Institute*
- Alexis Valauri-Orton, *The Ocean Foundation*
- Ross Wilson, *Metlakatla Stewardship Society*
- Kris Ohleth, *Ørsted*

2:50 PM      **Explanation of Breakout Session**

2:55 PM      **Break**

3:20 PM      **Breakout Session**

*Format: Workshop participants will be divided into 4 virtual breakout rooms in order to provide opportunity for individual input and idea sharing. Each breakout room will discuss and prepare ideas responsive to the questions below in preparation for a report-out to all workshop attendees.*

Participants will consider next steps for a strategy to articulate the value of ocean observing as a collective voice. Specifically,

- What is the role of observing institutions and stakeholders in developing a messaging strategy (e.g., storytelling, advocacy)? Where can coordination among these institutions be improved?
- What connections/organizational relationships could help to facilitate the development of a collective messaging strategy to convey the value of sustained ocean observations?
- What are the governance and organizational structures needed to support the development of a concerted message development strategy?

4:20 PM      **Reconvene and Breakout Session Report-Out**

5:00 PM      **Adjourn**

<b>Thursday, September 17, 2020</b>
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1:00 PM      **Welcome (back), overview of the day's agenda**

Eric Lindstrom, *Saildrone, Workshop Committee Co-Chair*

Molly McCammon, *Alaska Ocean Observing System, Workshop Committee Co-Chair*

1:05 PM      **Summary remarks from Day 1**

Jan Newton, *University of Washington, Workshop Committee Member*

1:20 PM      **Keynote Address**

Albert Fischer, *Global Ocean Observing System*

**Session 2: Governance to Support Sustained Ocean Observations**

*Session description:* Enhanced coordination and partnership among the various groups participating in sustained ocean observations could help to foster a stronger collective impact. This session will consider strengths and challenges of existing organizational and governance structures, including collective impact organizations and other related approaches, which could inform a new or revised organization/governance approach for sustained ocean observations.

1:40 PM      **Moderated Panel Discussion**

Moderators: Jon White, *Consortium for Ocean Leadership*

Eric Lindstrom, *Saildrone, Workshop Committee Co-Chair*

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### Panelists:

- Craig McLean, *National Oceanic and Atmospheric Administration*
- Kris Sarri, *National Marine Sanctuaries Foundation*
- Jane Au, *‘Āina Momona*
- Kim Juniper, *Ocean Networks Canada*
- Jim Stear, *Chevron*
- Daniel Vimont, *University of Wisconsin*

2:55 PM      **Explanation of Breakout Session**

3:00 PM      **Break**

3:20 PM      **Breakout Session**

*Format: Workshop participants will be divided into 4 virtual breakout rooms in order to provide opportunity for individual input and idea sharing. Each breakout room will discuss and prepare ideas responsive to the questions below in preparation for a report-out to all workshop attendees.*

Participants will discuss what a collective impact organization for ocean observing would look like. Specifically,

- What are the most critical functions and capabilities of an organization that could support sustained ocean observations?
- Are there models of organizations that currently embody these functions/capabilities? If yes, what needs do they not meet and are there opportunities to modify the model to address them? If no, does this suggest a radically new model is needed? What might that look like?

4:20 PM      **Reconvene and Breakout Session Report-Out**

5:00 PM      **Adjourn**

<b>Friday, September 18, 2020</b>
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1:00 PM      **Welcome (back), overview of the day's agenda**  
Eric Lindstrom, *Saildrone, Workshop Committee Co-Chair*  
Molly McCammon, *Alaska Ocean Observing System, Workshop Committee Co-Chair*

1:05 PM      **Summary Remarks from Previous Days**  
Ray Schmitt, *Woods Hole Oceanographic Institution (ret.), Workshop Committee Member*

1:20 PM      **Keynote Address**  
Rep. Suzanne Bonamici (D-OR)

### **Session 3: Enhancing Support for Sustained Ocean Observations**

Session description: Funding for sustained ocean observations has been challenging in the U.S. due to annual budget cycles and short-term grants that often support observational activities. When observational records are disrupted or end, their long-term value and societal benefit can be reduced. This session will

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consider how to better coordinate existing long-term funding and identify opportunities to engage a wider range of stakeholders that can support sustained observing efforts, with particular focus on how a collective impact organization could facilitate this. Additionally, discussions will consider how to better leverage support that may come in other forms (e.g. data contributions, in-kind services, resource mobilization, etc.).

- 1:30 PM      **Moderated Panel Discussion:** The role of the federal government in funding ocean observations  
Moderators: Mel Briscoe, *OceanGeeks, LLC*  
Molly McCammon, *Alaska Ocean Observing System, Workshop Committee Co-Chair*
- Panelists:
- David Legler, *National Oceanic and Atmospheric Administration*
  - Nadya Vinogradova, *National Aeronautics and Space Administration*
  - Holly Bamford, *National Fish and Wildlife Foundation*
  - Rick Spinrad, *High Desert Ocean Associates LLC*
- 2:35 PM      **Break**
- 3:05 PM      **Moderated Panel Discussion:** Private sector interests and opportunities to support observations  
Moderators: Mary Glackin, *American Meteorological Society*  
Julie Pullen, *Jupiter Intelligence, Workshop Committee Member*
- Panelists:
- Troy Bertram, *Saildrone*
  - Stephanie Madsen, *Pollock Conservation Cooperative and At-Sea Processors Association*
  - Ana Pinheiro Privette, *Amazon Sustainability*
  - Vincent Pieribone, *OceanX*
  - Nick Rose, *Royal Caribbean*
- 4:15 PM      **Summary of Day 3 and Workshop Synthesis**  
Molly McCammon, *Alaska Ocean Observing System, Workshop Committee Co-Chair*  
Eric Lindstrom, *Saildrone, Workshop Committee Co-Chair*
- 4:35 PM      **Looking to the future**  
Margaret Leinen, *Scripps Institution of Oceanography*
- 4:45 PM      **Adjourn**