

## Ocean Decade: U.S. Launch Meeting, February 3 and 4, 2021

From 2021-2030, the UN Decade of Ocean Science for Sustainable Development will focus scientific initiatives across the globe on the science needed to ensure sustainable use of ocean resources and long-term ocean health. The U.S. National Committee for the Decade will encourage participation and serve as a communication channel for the U.S. ocean science community throughout this international effort.

This meeting is designed to foster engagement, dialogue and ideation around transformative research efforts in support of the Decade as outlined in the UN Ocean Decade Implementation Plan (available at: [oceandecade.org](https://oceandecade.org)). The U.S. National Committee issued a call for transformative concepts – Oceanshots – that address the challenges identified in the Implementation Plan. The submissions from that call are featured in the Oceanshot Plenary Sessions, Ocean Poster Hall, and will be discussed in the Concurrent Sessions organized by challenge themes. Please check out the poster submissions here <https://airtable.com/shrTxkQsKQJpnxiht> for planning your time in the Poster Hall. Major points from the concurrent sessions will be presented by rapporteurs in the end of the day plenaries.

This meeting represents the start of a process to foster the further development of Oceanshot concepts. The Committee will follow-up this meeting with networking opportunities and additional more focused webinars and workshops in the coming months.

## **U.S. National Committee UN Decade of Ocean Science for Sustainable Development**

### *Membership Roster*

**Larry A. Mayer, *Chair***, University of New Hampshire, Durham  
**Richard Spinrad, *Vice-Chair***, Oregon State University, Corvallis  
**Mark Abbott**, Woods Hole Oceanographic Institution, Woods Hole, Massachusetts  
**Carol Arnosti**, University of North Carolina, Chapel Hill  
**Manson K. Brown**, U.S. Coast Guard (ret.), Neptune Beach, Florida  
**Lisa Campbell**, Duke University, Durham, North Carolina  
**Thomas S. Chance**, ASV Global, LLC (ret.), Broussard, Louisiana  
**Daniel Costa**, University of California, Santa Cruz  
**John Delaney**, University of Washington (ret.), Seattle  
**Scott Glenn**, Rutgers University, New Brunswick, New Jersey  
**Patrick Heimbach**, University of Texas, Austin  
**Marcia Isakson**, University of Texas, Austin  
**Lekelia Jenkins**, Arizona State University, Tempe  
**Nancy Knowlton**, Smithsonian Institution (ret.), Washington, District of Columbia  
**Anthony MacDonald**, Monmouth University, West Long Branch, New Jersey  
**Thomas Miller**, University of Maryland, Solomons  
**Ram Mohan**, Anchor QEA, LLC, Lewes, Delaware  
**S. Bradley Moran**, University of Alaska, Fairbanks  
**Ruth L. Perry**, Shell Exploration & Production Company, Houston, Texas  
**James Sanchirico**, University of California, Davis  
**P. Lynn Scarlett**, The Nature Conservancy, Arlington, Virginia  
**Mark J. Spalding**, The Ocean Foundation, Washington, District of Columbia  
**Robert S. Winokur**, Michigan Tech Research Institute, Silver Spring, Maryland

### *Early Career Liaisons*

**Anjali Boyd**, Duke University  
**Angee Doerr**, Oregon State University, Oregon Sea Grant  
**Annie Brett**, University of Florida, Levin College of Law  
**Grace Young, X**, Alphabet's Moonshot Factory

### *OSB Staff Members*

**Susan Roberts, *Director***  
**Stacey Karras, *Senior Program Officer***  
**Kelly Oskvig, *Senior Program Officer***  
**Emily Twigg, *Senior Program Officer***  
**Megan May, *Associate Program Officer***  
**Shelly-Ann Freeland, *Financial Business Partner***  
**Trent Cummings, *Senior Program Assistant***  
**Kenza Sidi-Ali-Cherif, *Program Assistant***

February 3, 2021

**All times are listed in Eastern Standard Time**

**See site map on last page**

**11:30am** -Open venue \*Enter in Event Lobby

- **#DrawYourDecade slideshow**

*#DrawYourDecade is a youth outreach and engagement activity designed to educate and involve young people in the UN Decade of Ocean Science for Sustainable Development. Students were asked: "What do you want the ocean to look like in ten years?" and encouraged to create an illustration of their priorities for the ocean over the Decade.*

- **Art in Action: "A Source of Hope"**

Produced by the US Youth Advisory Council (YAC) for the UN Ocean Decade, learn more about the YAC at <https://h2oo.org/us-yac-for-un-ocean-decade/>)

**12-12:50 pm** Opening Plenary Session (Lecture Hall)

Session Recording: <https://vimeo.com/510252904>

- 15 min
  - Introduction - **Larry Mayer**, Chair of the U.S. National Committee
  - Welcome - **Marcia McNutt**, President of the U.S. National Academy of Sciences
- 20 min UN Ocean Decade activities –
  - **Margaret Leinen**, Member of the Executive Planning Group, UN Ocean Decade
  - **Peter Thomson**, UN Secretary General's Special Envoy for the Ocean
- 15 min Keynote address– Monica Medina, *Our Daily Planet*

**1:00-1:50 pm** Oceanshot Plenary Session (Lecture Hall)

Session Recording: <https://vimeo.com/510347144>

*US National Committee selected these Oceanshot Shots because they address a variety of challenges and contain elements of exciting, innovative, and relevant areas of research that could stimulate broad engagement for discussion of big themes.*

- Oceanshot Description - **Rick Spinrad**, Committee Vice-chair
- Oceanshot presentations (10 min each)
  - **Bruce M. Howe** (University of Hawaii, Manoa) SMART telecommunications
  - **Julie Huber** (WHOI) Deep seafloor network of networks
  - **Jesse Ausubel** (Rockefeller University) Great Global Fish Count
  - **Maggie McKeon** (PNNL) Community engagement in clean-up of estuarine superfund sites

**2:00-2:50 pm** Mixer

Please visit the Oceanshot ePoster Hall and Nexus Organization Exhibit Hall. The Event Lobby will also be open for networking at this time.

- Oceanshot Poster Session (poster list at <https://airtable.com/shrTxkQsKQJpnxiht>)

*This is an opportunity to learn about your colleagues' ideas for the decade and to begin building networks. Posters will be available for viewing throughout the meeting, but this is your chance to meet the authors.*

- Nexus Organizations Exhibit Hall

*The Ocean Decade presents an unprecedented opportunity for cross-organizational and multi-sectoral collaboration in pursuit of global sustainable development goals. The U.S. National Committee invited U.S. organizations to join the “Ocean Decade U.S. Nexus.” Nexus organizations play an essential role in U.S. efforts for the Decade – visit the Exhibit Hall to learn more.*

**3:00-3:50 pm** Concurrent Sessions organized by ocean decade challenge themes.

*Moderated session to help identify common interests and synergies. Members of the US National Committee will serve as session moderators, rapporteurs, and Q&A monitors.*

- Oceanshot Challenge Themes (rooms numbered as shown below)
  - Knowledge and Solutions I. Climate and ecosystem change
    - Session Recording: <https://vimeo.com/510251510>
    - S. Glenn** (moderator) /**D. Costa** (rapporteur)/**A. Boyd** (Q&A monitor)
      - Challenge 2 Stressors
      - Challenge 5 Climate
  - Knowledge and Solutions II. Sustainable development
    - Session Recording: <https://vimeo.com/510252443>
    - B. Moran** (moderator), **L. Campbell** (rapporteur), **A. Doerr** (Q&A Monitor)
      - Challenge 1 Pollution
      - Challenge 3 Food
      - Challenge 4 Economy
  - Essential Infrastructure I. Observing technology and implementation
    - Session Recording: <https://vimeo.com/510253222>
    - R. Perry** (moderator) **T. Chance** (rapporteur), **G. Young** (Q&A Monitor)
      - Challenge 7 Observing
  - Essential Infrastructure II. Transforming data into actionable knowledge
    - Session Recording: <https://vimeo.com/510253547>
    - P. Heimbach** (moderator), **M. Isakson** (rapporteur), **K. Oskvig** (Q&A Monitor)
      - Challenge 6 Hazards
      - Challenge 8 Mapping
  - Foundational challenges
    - Session Recording: <https://vimeo.com/510253991>
    - T. Macdonald** (moderator), **M. Spalding** (rapporteur), **A. Brett** (Q&A Monitor)
      - Challenge 9 Capacity
      - Challenge 10 Values

**4:00-4:30 pm** Networking Break (Event Lobby/Poster Hall/Exhibit Hall)

**4:30-5:30 pm** (Lecture Hall)

Session Recording: <https://vimeo.com/510347322>

- 35 min Rapporteurs report out from concurrent sessions
- 10 min **Kei Koizumi**, *Acting Director and Chief of Staff, Office of Science and Technology Policy, Executive Office of the President*
- 15 min **Sandra Whitehouse**, *consultant, Ocean Conservancy*

**5:30 pm** Meeting adjourns for the day

February 4, 2021

*All times are listed in Eastern Standard Time*

**11:30 am** -Open venue \*Enter in Event Lobby

- **#DrawYourDecade** slideshow

*#DrawYourDecade is a youth outreach and engagement activity designed to educate and involve young people in the UN Decade of Ocean Science for Sustainable Development. Students were asked: "What do you want the ocean to look like in ten years?" and encouraged to create an illustration of their priorities for the ocean over the Decade.*

- **Art in Action: "A Source of Hope"**

Produced by the US Youth Advisory Council (YAC) for the UN Ocean Decade, learn more about the YAC at <https://h2oo.org/us-yac-for-un-ocean-decade/>

**12:00-12:50 pm** Opening Plenary Session (Lecture Hall)

Session Recording: <https://vimeo.com/510296768>

- 10min **Larry Mayer** – Introduction of Committee's Early Career Liaisons
  - **Anjali Boyd**, *Duke University*
  - **Angee Doerr**, *Oregon State University, Oregon Sea Grant*
  - **Annie Brett**, *University of Florida, Levin College of Law*
  - **Grace Young**, *X, Alphabet's Moonshot Factory*
- 10 min
  - **Chloe McKenna** and **Eni Owoeye**, *US Youth Advisory Council for the Ocean Decade*; What the Ocean Decade Means to Youth and Call to Action video
- 20 min Congressional perspective – House Ocean Caucus Co-Chairs
  - Congresswoman **Suzanne Bonamici** (OR)
  - Congressman **Don Young** (AK)
- 10 min Keynote address – National Science Foundation
  - **William E. Easterling**, *Assistant Director for Geosciences*
  - **Terrence M. Quinn**, *Division Director for the Division of Ocean Sciences*

**1:00-1:50 pm** Oceanshot Plenary Session (Lecture Hall)

Session Recording: <https://vimeo.com/510346249>

*US National Committee selected these Ocean Shots because they address a variety of challenges and contain elements of exciting, innovative, and relevant areas of research that could stimulate broad engagement for discussion of big themes.*

- **John Delaney**, U.S. National Committee Member
- Oceanshot presentations (10 min each) –
  - **Kanna Rajan** (SIFT LLC) Intelligent Ocean Sampling
  - **Kirstin Meyer-Kaiser** and Samuel Laney (WHOI) Arctic Shelf Ecosystems
  - **Judith Lemus** (HIMB, University of Hawaii, Manoa) 4Site Pacific Transect
  - **Ryan Abernathey** (LDEO) OceanCloud

**2:00-2:50 pm** Early Career and Youth Advisory Council Meet & Greet

*The contributions of young people and early career ocean professionals will be essential to the long-term success of the Ocean Decade. Draw up a chair at our virtual tables and meet some of these inspiring members of the next generation of ocean leaders.*

**3:00-3:50 pm** Concurrent Sessions organized by ocean decade challenge themes  
*Moderated session to help identify common interests and synergies. Members of the US National Committee will serve as session moderators, rapporteurs, and Q&A monitors.*

- Oceanshot Challenge Themes (rooms numbered as shown below)
  - Knowledge and Solutions I. Climate and ecosystem change
  - Session Recording: <https://vimeo.com/510260549>  
**N. Knowlton** (moderator), **R. Mohan** (rapporteur), **A. Boyd** (Q&A Monitor)
    - Challenge 2 Stressors
    - Challenge 5 Climate
  - Knowledge and Solutions II. Sustainable development
  - Session Recording: <https://vimeo.com/510261189>  
**J. Sanchirico** (moderator), **C. Arnosti** (rapporteur), **A. Doerr** (Q&A Monitor)
    - Challenge 1 Pollution
    - Challenge 3 Food
    - Challenge 4 Economy
  - Essential Infrastructure I. Observing technology and implementation
  - Session Recording: <https://vimeo.com/510256622>  
**J. Delaney** (moderator), **B. Winokur** (rapporteur), **G. Young** (Q&A Monitor)
    - Challenge 7 Observing
  - Essential Infrastructure II. Transforming data into actionable knowledge
  - Session Recording: <https://vimeo.com/510261571>  
**M. Abbott** (moderator), **T. Miller** (rapporteur), **K. Oskvig** (Q&A Monitor)
    - Challenge 6 Hazards
    - Challenge 8 Mapping
  - Foundational challenges
  - Session Recording: <https://vimeo.com/510262040>  
**T. Macdonald** (moderator), **M. Spalding** (rapporteur), **A. Brett** (Q&A Monitor)
    - Challenge 9 Capacity
    - Challenge 10 Values

**4:00-4:30 pm** Networking Break (Event Lobby/Poster Hall/Exhibit Hall)

**4:30-5:30 pm** Plenary Session (Lecture Hall) Wrap Up

Session Recording: <https://vimeo.com/510349797>

- 35 min Rapporteurs report out from concurrent sessions
- 10 min discussion
- 15 min
  - **Craig McLean**, Deputy Assistant Administrator, NOAA
  - **Larry Mayer** and **Rick Spinrad** – concluding and closing remarks

**5:30 pm** Meeting adjourns