

The **100th** meeting of the Ocean Studies Board

May 17-19, 2023

Hybrid Meeting



Meeting Highlights

- International Activities Updates
- Ocean Climate Action Plan
- Commercialization of Ocean Data
- OSB's Greatest Hits
- Roger Revelle Commemorative Lecture – Making Waves & Charting New Paths

WEDNESDAY, MAY 17, 2023

Keck Center – Room 100

OPEN SESSION

10:00–10:15 **Welcome**

10:15–10:45 **Biodiversity Beyond Areas of National Jurisdiction (BBNJ)**

Elizabeth Kim, U.S State Department

10:45–11:30 **Identify volunteers for OSB subcommittees and liaisons to other boards**

Fisheries Subcommittee

Revelle Lecture Subcommittee

SCOR Representative

11:30–12:00 **Updates from SCOR**

Patricia Miloslavich, SCOR Executive Director

12:00–1:30 **Lunch Break**

Fisheries Subcommittee

01:30–01:35 **Introduction**

Tom Miller and Jim Sanchirico, Co-chairs

01:35–02:00 **Current Climate Change Scenario Planning Efforts in the Mid-Atlantic**

Brandon Muffley, MAFMC

02:00–02:30 **ICES Perspectives on Climate & Fisheries Science and Management**

Alan Haynie, ICES

02:30–02:45 *Break*

02:45–04:30 *Conversation with NOAA Fisheries regarding the Integration of Climate Change into Modernizing Stock Assessment, Fisheries Management, and Social Science*

Cisco Werner, NOAA Fisheries

Kirstin Holsman, NOAA Fisheries

Marysia Szymkowiak, NOAA Fisheries

Kelly Denit, NOAA Fisheries

Rick Methot, NOAA Fisheries

04:30 – 5:00 *Closing Discussion and Planning for Future Activities*

END OF DAY 1

THURSDAY, MAY 18, 2023

Keck Center – Room 100

OPEN SESSION

01:30–02:30 *Ocean Climate Action Plan*

Libby Jewett, NOAA

Jim McManus, NSF

02:30–04:00 *Commercialization of Ocean Data*

Introduction

Annie Brett, University of Florida Levin College of Law (*remote*)

Mark Abbott, ret., Woods Hole Oceanographic Institution (*remote*)

Private Sector

Matt Womble, SailDrone (*remote*)

European Perspective

Adèle Révelard, SOCIB, Palma, Spain (*remote*)

Federal/NOAA

Dr. Michael Morgan, Assistant Secretary of Commerce for Environmental Observation and Prediction (*remote*)

Academic

Luca Centurioni, Scripps Institution of Oceanography

04:00–04:30 *Break*

04:30–05:30 *Review of Current OSB Activities*

OSB staff members

END OF DAY 2

100th Meeting Celebration

10:30–10:45 Welcome

Claudia Benitez-Nelson, OSB Chair

Marcia McNutt, President, National Academy of Sciences (pre-recorded presentation)

10:45–11:00 Early History of the Ocean Studies Board

D. James Baker, first OSB Vice-Chair, *Clinton Foundation*

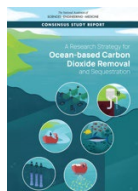
11:00–12:00 2013-2022 Reports



2015

[Sea Change: 2015-2025 Decadal Survey of Ocean Sciences](#)

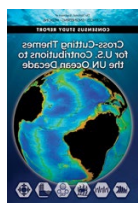
- **Shirley Pomponi**, co-chair, *Florida Atlantic University*
- **Dave Titley**, co-chair, *ret. Penn State University*
- **Deb Glickson**, study director



2022

[A Research Strategy for Ocean-based Carbon Dioxide Removal and Sequestration](#)

- **Kelly Oskvig**, study director
- **Jan Mazurek**, *ClimateWorks Foundation*



2022

[Cross-Cutting Themes for U.S. Contributions to the UN Ocean Decade](#)

- **Larry Mayer**, Committee Chair, *UNH*
- **Laura Lorenzoni**, Sponsor, *NASA*



2022

[Oil in the Sea IV: Inputs, Fates and Effects](#) (or as the series)

- **Nancy Rabalais**, Committee Member, *LUMCON*
- **John Farrington**, Committee Member, *WHOI*
- **Ed Levine**, Study Vice-Chair, *ret. NOAA*
- **Kelly Oskvig**, study director

12:00–01:00 Working Lunch

01:00–01:20 Panel of Past OSB Chairs and Staff

- **Larry Mayer**, Chair 4/1/2015 -- 4/30/2021, *University of New Hampshire*
- **Bob Duce**, Chair 8/1/2012 -- 3/31/2015, *Texas A&M University*
- **Shirley Pomponi** (remote), Chair 4/1/2005 -- 12/31/2008, *Florida Atlantic University*

- **Jen Merrill**, former OSB Senior Program Officer 3/5/2001 -- 6/17/2005

01:20–02:20

2003-2012 Reports

Series of Marine Mammals and Noise Reports



2003

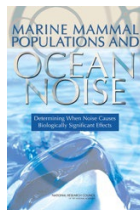
[Ocean Noise and Marine Mammals](#)

2005

[Marine Mammal Populations and Ocean Noise: Determining When Noise Causes Biologically Significant Effects](#)

See also: 1994 – [Low-Frequency Sound and Marine Mammals: Current Knowledge and Research Needs](#); 2000 - [Marine Mammals and Low-Frequency Sound: Progress Since 1994](#); and 2017 - [Approaches to Understanding the Cumulative Effects of Stressors on Marine Mammals](#)

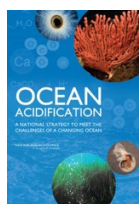
- **Peter Tyack**, *WHOI/University of St. Andrew*
- **Mike Weise**, *Office of Naval Research*
- **Kim Waddell**, Study Director, *University of the Virgin Islands*
(Approaches to Understanding the Cumulative Effects of Stressors on Marine Mammals)



2007

[A Review of the Ocean Research Priorities Plan and Implementation Strategy](#)

- **Margaret Leinen**, former NSF/JSOST, *Scripps Institution of Oceanography*
- **Bob Duce**, Committee Chair, *Texas A&M University*



2010

[Ocean Acidification: A National Strategy to Meet the Challenges of a Changing Ocean](#)

- **Libby Jewett**, Sponsor, *NOAA*
- **Jorge Corredor**, Committee Member, *University of Puerto Rico*



2011

[Critical Infrastructure for Ocean Research and Societal Needs in 2030](#)

- **Deb Glickson**, Study Director
- **Rana Fine**, Committee Member, *University of Miami*

02:20–02:50

Break

02:50–03:10

Panel of Past OSB Chairs and Staff

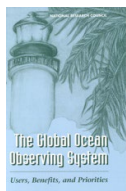
- **Ken Brink**, Chair 11/7/1996 -- 12/31/2001, *WHOI*
- **Nancy Rabalais**, Chair 1/1/2002 -- 3/31/2005, *Louisiana State University*
- **Dan Walker**, National Academies Scholar 1995-2006
- **Morgan Gopnik**, OSB director 1996-2003

03:10–04:10 Pre-2000 Reports

1992

[Oceanography in the Next Decade: Building New Partnerships](#)

- **Ken Brink**, Committee Member



1997

[The Global Ocean Observing System: Users, Benefits, and Priorities](#)

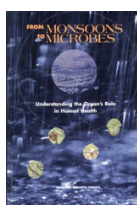
- **Dan Walker**, Study Director
- **Ken Brink**, Committee Member



1999

[Global Ocean Science: Toward an Integrated Approach](#)

- **Dan Walker**, Study Director
- **Rana Fine**, Committee Member



1999

[From Monsoons to Microbes: Understanding the Ocean's Role in Human Health](#)

- **Susan Roberts**, Study Director
- **Shirley Pomponi**, Committee Member
- **Rita Colwell**, former NSF Director

04:10–04:30 Blue Dreams, Ocean Memory Project

- **Rebecca Rutstein**, Artist, Ocean Memory Project
- **Tom Skalak**, Co-creator of Blue Dreams and Senior Advisor to the Founders, Joe and Clara Tsai Foundation
- **J.D. Talasek**, Director, Cultural Programs of The National Academy of Sciences

05:30

Roger Revelle Commemorative Lecture – Making Waves and Charting New Paths Introduction by D. James Baker

NAS Building – Auditorium

- **Kathy Sullivan**, Senior Fellow at the Potomac Institute
- **Margaret Leinen**, Director, Scripps Institution of Oceanography
- **Taylor Goelz** (moderator), The Aspen Institute