

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

FRIDAY, MAY 19, 2023

NAS BUILDING—LECTURE ROOM

100th Meeting Celebration

10:30–10:45 Welcome

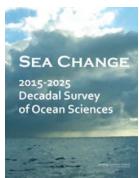
Claudia Benitez-Nelson, OSB Chair

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*

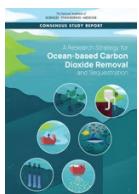
11:00–12:00 2013–2022 Reports



2015

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

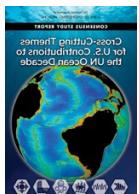
- **Shirley Pomponi**, co-chair, *Florida Atlantic University*
- **Dave Titley**, co-chair, *ret. Penn State University*
- **Deb Glickson**, study director



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

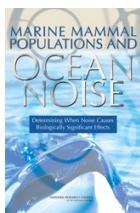
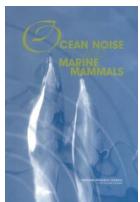
- **Larry Mayer**, Chair 4/1/2015 -- 4/30/2021, *University of New Hampshire*
- **Bob Duce**, Chair 8/1/2012 -- 3/31/2015, *Texas A&M University*
- **Shirley Pomponi** (remote), Chair 4/1/2005 -- 12/31/2008, *Florida Atlantic University*

- **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](#)

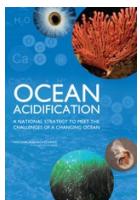
- **Peter Tyack**, WHOI/University of St. Andrew
- **Mike Weise**, Office of Naval Research
- **Kim Waddell**, Study Director, University of the Virgin Islands
(Approaches to Understanding the Cumulative Effects of Stressors on Marine Mammals)



2007

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

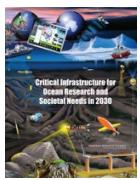
- **Margaret Leinen**, former NSF/JSOST, Scripps Institution of Oceanography
- **Bob Duce**, Committee Chair, Texas A&M University



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](#)

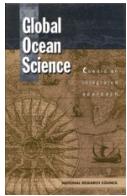
- **Ken Brink**, Committee Member



1997

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

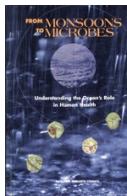
- **Dan Walker**, Study Director
- **Ken Brink**, Committee Member



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