

THE NATIONAL ACADEMIES

Advisers to the Nation on Science, Engineering, and Medicine

AGENDA

November 9-10, 2009

68th

Meeting of the

OCEAN STUDIES BOARD

The National Academies Keck Center

500 5th St. NW

Washington, DC

Meeting Highlights:

Special Sessions:

- Task Force Climate Change
- National Ocean Policy
- Marine Spatial Planning

Monday, November 9, 2009

OPEN SESSION — *Keck 109*

- 10:50 a.m.** **Welcome and Introductions**— *Donald Boesch, OSB Chair*
- 11:00 a.m.** **Briefing on the new OSB report: *Oceanography in 2025***— *Dan Rudnick, OSB member*
- 11:30 a.m.** **Briefing on new OSB report: *Science at Sea: Meeting Future Oceanographic Goals with a Robust Academic Research Fleet***— *Ron Kiss, co-chair, Committee on Evolution of the National Oceanographic Research Fleet*
- 12:00 p.m.** **Working Lunch**
- 12:30 p.m.** **Task Force Climate Change**— *RADM David Titley, Oceanographer and Navigator of the Navy*
- 1:30 p.m.** **Discussion of past NRC reports and impacts— sponsor perspectives**
- Oceanography in 2025*—*Linwood Vincent, Office of Naval Research*
- Review of Recreational Fisheries Survey Methods*—*Gordon Colvin, NOAA Fisheries*
- Oil Spill Dispersants*—*Captain Anthony Lloyd, U.S. Coast Guard*
- Tackling Marine Debris in the 21st Century*—*David Major, U.S. Coast Guard; Sarah Morison, NOAA; and Nicole Schindler, EPA*
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- 3:00 p.m.** *Break*
- 3:15 p.m.** **Update from federal agencies on programs and new initiatives and activities of science advisory boards**
- Office of Naval Research** – *Frank Herr, Linwood Vincent*
- Oceanic and Atmospheric Research, NOAA** – *Craig McLean*
- NASA** – *Jack Kaye (invited) and Paula Bontempi*
- MMS** – *Rodney Cluck*
- 5:30 p.m.** **Open Session Adjourned**

Tuesday, November 10, 2009

OPEN SESSION — *Keck 109*

- 9:30 a.m.** **Welcome and Introductions**— *Donald Boesch, OSB Chair*
- 10:00 a.m.** **Ocean Observations 2009** — *Jim Yoder and Dan Rudnick, OSB members*
- 10:30 a.m.** **International Ocean Observing Activities and Capacity Building** — *Sid Thurston, Climate Program Office, NOAA*
- 11:00 a.m.** **Marine Spatial Planning** — *Charles (Bud) Ehler, UNESCO IOC/Man and the Biosphere Programme; Bob Gagosian, Ocean Leadership; Kristen Fletcher, Coastal States Organization*
- 12:00 p.m.** **Working Lunch**
- 1:00 p.m.** **Ocean Policy Task Force** — *Andy Rosenberg, OSB member; Bob Gagosian, Ocean Leadership; Kristen Fletcher, Coastal States Organization*
- 2:00 p.m.** **Potential new symposium on Scientific Diving Symposium**—*Michael Lang, Smithsonian Institution*
- 2:30 p.m.** *Break*
- 3:00 p.m.** **Congressional Activities update** – *Jeff Watters and Kris Sarri*
- 4:00 p.m.** **Final GLOBEC Symposium**—*Phil Taylor, National Science Foundation*
- 4:30 p.m.** **Review of Current and Planned OSB Activities**
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International Activities

Ongoing Projects

Scientific Committee on Oceanic Research

Coastal Studies

Ongoing Projects

Tsunami Warning and Preparedness

Sea Level Rise

Projects Under Development

Development of a Coastal Impact Factor for Tropical Storms

Fisheries Science and Management

Ongoing Projects

Sea Turtle Population Assessment Methods

Best Practices for Shellfish Mariculture and a Scientific Review of Ecological Effects in Drake's Estero

Projects Under Development

Improving Models in Ecosystem-Based Fisheries Management

Sustainable Water and Environmental Management in the Sacramento-San Joaquin Delta

Marine Environments and Resources

Ongoing Projects

Processes and Implications of Ocean Acidification

Assessment of DOE's Methane Hydrate Research and Development Program (led by Board on Earth Sciences and Resources)

Projects Under Development

Responding to Oil Spills in Ice

Ocean Research Enterprise

Ongoing Projects

Evolution of the Oceanographic Fleet

An Ocean Infrastructure Strategy for U.S. Ocean Research in 2030

Assessing Requirements for Sustained Ocean Color Research and Operations

Projects Under Development

Review of the Scientific Accomplishments and Assessment of the Potential for Future Transformative Discoveries with U.S.-Supported Scientific Drilling

Education

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Ongoing Projects

Review of NOAA's Education Programs (led by Board on Science Education)

Ocean Science Series

Minorities Striving and Pursuing Higher Degrees of Success (MS PHDs) in Earth System

Science Professional Development Program

NSF Climate Education Roundtable

Related NRC Activities

Board on Atmospheric Sciences & Climate

Board on Earth Sciences and Resources

Marine Board

Polar Research Board

Space Studies Board

Water Science and Technology Board

5:30 p.m. Open Session Adjourned
