

THE NATIONAL ACADEMIES

Advisers to the Nation on Science, Engineering, and Medicine

AGENDA

October 17-18, 2011

74th Meeting of the **OCEAN STUDIES BOARD**

20F Street Conference Center

20 F Street, NW

Conference Room B

Washington, DC 20001

Meeting Highlights:

Opening Keynote: Richard Merrick, *National Marine Fisheries Service*

Infrastructure in Focus

Ocean Wave Modeling

Briefings on New Reports:

- *Scientific Ocean Drilling: Accomplishments and Challenges*
- *A Framework for K-12 Science Education: Practices, Crosscutting Concepts, and Core Ideas*

Monday, October 17, 2011 — Conference Room B

OPEN SESSION

11:45 a.m. Lunch keynote speaker—Richard Merrick, *National Marine Fisheries Service*

12:30 p.m. Lunch

1:20 p.m. Introduction to Afternoon Ocean Science Infrastructure Discussion—Don Boesch, *OSB chair*

1:30 p.m. Report Briefing, **Scientific Ocean Drilling: Accomplishments and Challenges**—Art Goldstein, *committee co-chair*, Lori Summa, Anne Tréhu, and Bill Curry, *committee members*

2:15 p.m. Retrospective and prospective views on *Critical Infrastructure for Ocean Research and Societal Needs in 2030*— *SOST co-chairs* Jerry Miller (*OSTP*) and David Conover (*NSF*)

2:45 p.m. *Break*

- 3:15 p.m.** **Moderator-led discussion on some of the challenges and opportunities for maintaining existing infrastructure capabilities and investing in new technologies** — Moderator: Don Boesch, *OSB chair*; with Bob Gagosian, *Consortium for Ocean Leadership*; Steve Ramberg, *National Defense University/Penn State*; Scott Glenn, *Rutgers University/MARACOOS*, and OSB members Dawn Wright, *ESRI* and Rob Lawson, *SAIC*.
- 4:30 pm** **Discussion of strategic planning for future of ocean sciences**—David Conover, *NSF-OCE*
- 5:30 p.m.** **Adjourn Open Session**

Tuesday, October 18, 2011 — Conference Room B

OPEN SESSION

- 8:00 a.m.** **Opening Remarks**—*Don Boesch, OSB Chair*
- 8:05 a.m.** **Breakfast**
- 8:30 a.m.** **Discussion: Ocean Wave Modeling - Moderator: Cort Cooper, OSB member**
Speakers: **Hendrik Tolman** (NOAA-NCEP)
 Jay Veeramony (NRL/Stennis Space Center)
 Jeff Hanson (USACE)
 Vince Cardone (OceanWeather)
- 10:30 a.m.** *Break*
- 11:00 a.m.** **Report Briefing, A Framework for K-12 Science Education**—Heidi Schweingruber, *Board on Science Education*
http://www.nap.edu/catalog.php?record_id=13165
- 12:00 p.m.** **Lunch**
- 1:00 p.m.** **Adjourn Open Session**
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