

The National Academies of
SCIENCES • ENGINEERING • MEDICINE



National Academy of Sciences | 500 Fifth Street NW | Washington, DC 20001

July 11-12, 2016

Meeting will be webcast (click [here](#) for webcast)

Meeting Objectives:

- 1) Discuss strategic research priorities: follow up on Rubin/Halterman presentation from April meeting.
- 2) Discuss potential approaches to measuring progress toward research goals.
- 3) Identify ways to increase the level of peer-review of BOEM's research.
- 4) Learn from presentations regarding sea-ice modeling and forecasting in the Arctic.

July 11, 2016

Meeting Location: Keck 100

OPEN SESSION – Keck 100

10:15 AM

Welcome

- Welcome and introductions
- Review meeting agenda

Gary Griggs, Committee Chair

Session Objective: To Identify High-Level Goals and Priorities

10:30 AM

Introduction to the Session: BOEM's Strategic Framework and Rubin/Halterman April presentation

Scott Cameron, Committee Member

10:40 AM

Panel Discussion with Regional Environmental Managers

Rodney Cluck – Chief, Environmental Science Division, National ESP Perspective
Mary Boatman – Science Coordinator, Office of Renewable Energy Programs, Atlantic Region
Jeffrey Reidenauer – Chief, Marine Minerals Program - National Marine Minerals Perspective
Dee Williams – Chief, Environmental Sciences Section - Alaska Region
Pat Roscigno – Chief, Environmental Studies Section –
Gulf of Mexico Region (Oil and Gas) Atlantic Region (oil and Gas)
Ann Scarborough Bull – Chief, Environmental Sciences Section –
Pacific Region (Oil and Gas and Renewables)

- 1) What are the unique characteristics of each region?
- 2) What are the priority research questions for the next 2-5 years?
- 3) How do the regional research priorities support BOEM's mission?
- 4) How does the Studies Plan support your immediate research needs?
- 5) How do the research priorities support your immediate decision-making needs?

Session Outcomes: A better understanding of how the research priorities for the different regions and the Environmental Studies Program support BOEM's high level mission and goals framework?

12:00 AM

Discussion with the committee

12:30 PM

Lunch Break

Session Objective: Measuring Progress toward Strategic Priorities and Research Goals

- 1:30 PM** **How BOEM measures progress toward its priorities and research goals**
Rodney Cluck, Division Chief, Environmental Sciences, BOEM
- Discussion with the Committee
- 2:30 PM** **Break**
- 3:00 PM** **Discussion of the peer-review process**
- 1) Presentation and Discussion on the Competitive Proposal Selection and Technical Proposal Evaluation Committee (TPEC); Rodney Cluck, BOEM
 - 2) Presentation and Discussion of the level of peer-review of completed research studies (in peer-reviewed journals) Rodney Cluck, BOEM
- Discussion with COSA Committee Members
- Session Outcomes: An understanding of how BOEM currently measures progress toward research goals and how BOEM learns from self-evaluation. An understanding of BOEM's current use of peer-review processes. In addition, COSA and BOEM staff might discuss opportunities to increase the use of peer-review in selecting or publishing studies.*
- 5:30 PM** **Meeting Adjourns**
- 6:00 PM** **Committee Dinner**

July 12, 2016

OPEN SESSION - Keck 106

Session Objective: Discuss Arctic Sea-Ice Modeling and Forecasting Needs and Advances

- 10:00 AM** **Summary of Research Needs Outlined in [“Responding to Oil Spills in the U.S. Arctic Marine Environment”](#)**
Deborah Glickson, Associate Director, FAU Harbor Branch
- 10:30 AM** **Sea ice processes relevant to Arctic offshore oil and gas exploration and development: Recent research findings and potential relevance to BOEM**
Hajo Eicken, University of Alaska, Fairbanks and Committee Member
- 11:00 AM** **Arctic Ice-Ocean Modeling**
Seth Danielson, University of Alaska, Fairbanks
- Session Outcomes: Learning about the latest academic/scientific research related to oil and gas development in the Arctic*
- 12:00-1:00 PM** **Lunch** After Lunch Committee goes into closed session (Committee members and NAS staff only)