
National Academies Activities:

Ocean Studies Board and Polar Research Board

Susan Roberts, Director



*Marine Board meeting
April 11, 2013*

OSB Ongoing Activities and Recent Reports

Ongoing Activities:

- Responding to Oil Spills in Arctic Environments (with PRB and MB)
- Effects of the Deep Water Horizon Oil Spill on Ecosystem Services in the Gulf of Mexico
- Evaluating the Effectiveness of Stock Rebuilding Plans of the 2006 Fishery Conservation and Management Reauthorization Act
- Support for the Global Partnership for Oceans at the World Bank

Recent Reports:

- *Review of the Federal Ocean Acidification Research and Monitoring Plan*
- *Sea Level Rise in California, Oregon, and Washington* (with BESR)
- *An Evaluation of the U.S. Department of Energy's Marine and Hydrokinetic Resource Assessments* (with BEES)
- *Review of Scientific Accomplishments & Assessment of Future Potential of Scientific Drilling*
- *Assessing Requirements for Sustained Ocean Color Research and Operations*

OSB Studies in Development

- Decadal Survey of Ocean Sciences: Guidance for NSF on National Ocean Research Priorities
- Peer Review of Effective Daily Recovery Capacity Project **(with MB)**
- Advancing our Understanding of the Adaptive Capacity of Natural Systems
- Assessment of the Cumulative Effects of Anthropogenic Stressors on Marine Mammals
- Comprehensive Hazard Assessment of Severe Storms **(with BASC)**

PRB Ongoing Activities and Recent Reports

Current activities

- Emerging Arctic Research Questions
- Remote Sensing and Permafrost
- Linkages between Arctic warming and mid-latitude weather
(joint with BASC)

Recent reports

- Seasonal-to-Decadal Predictions of Arctic Sea Ice: Challenges and Strategies
- Lessons and Legacies of the International Polar Year 2007-2008
- Future Science Opportunities in Antarctica and the Southern Ocean

PRB Studies in Development

- **Strategic Plan for Antarctic Science Research**
- **Cumulative effects analysis in the Arctic**
- ***The Power of the Long View*: Symposium to spotlight the value of long-term observations in polar regions**
- **Discussion forum about icebreakers**