

U.S. NATIONAL OCEAN POLICY & IOOS

Jerry Miller
Office of Science and Technology Policy
Executive Office of the President

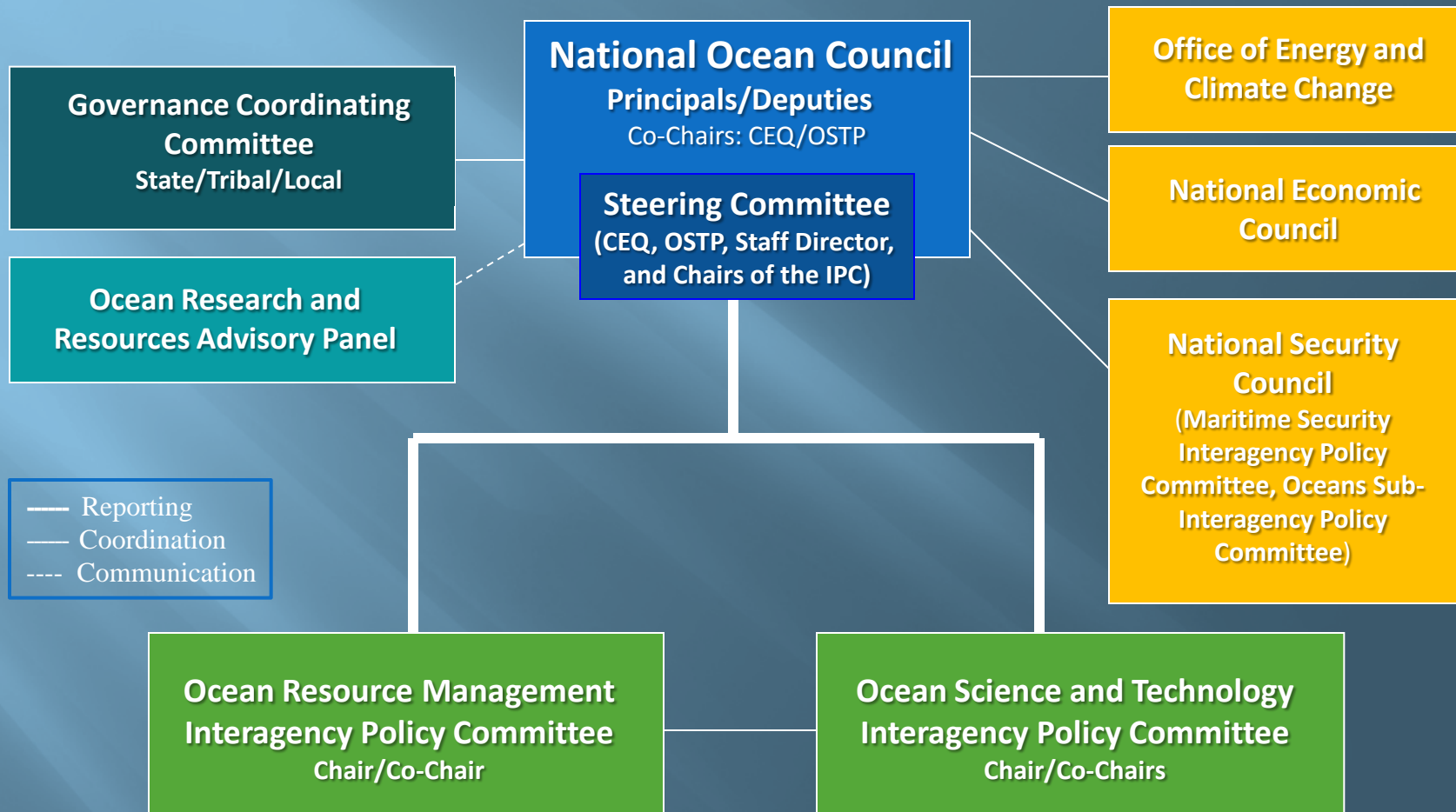
November 17, 2010

Science for Policy – Policy for Science

Vision Statement

An America whose stewardship ensures that the ocean, our coasts, and the Great Lakes are healthy and resilient, safe and productive, and understood and treasured so as to promote the well-being, prosperity, and security of present and future generations

National Ocean Council



Nine Priority Objectives

- ▣ Four ways to improve how we do business:
 - ✓ Ecosystem-based management
 - ✓ Coastal and marine spatial planning
 - ✓ Inform decisions and improve understanding using sound science
 - ✓ Coordinate and support regional management across agencies
- ▣ **Five areas of special focus:**
 - ✓ Resiliency/adaptation to climate change and ocean acidification
 - ✓ Regional ecosystem protection and restoration
 - ✓ Water quality and sustainable practices on land
 - ✓ Changing conditions in the Arctic Ocean
 - ✓ Ocean, coastal, and Great Lakes observations and infrastructure

Resiliency and Adaptation to Climate Change and Ocean Acidification

Strengthen resiliency of coastal communities and marine and Great Lake environments

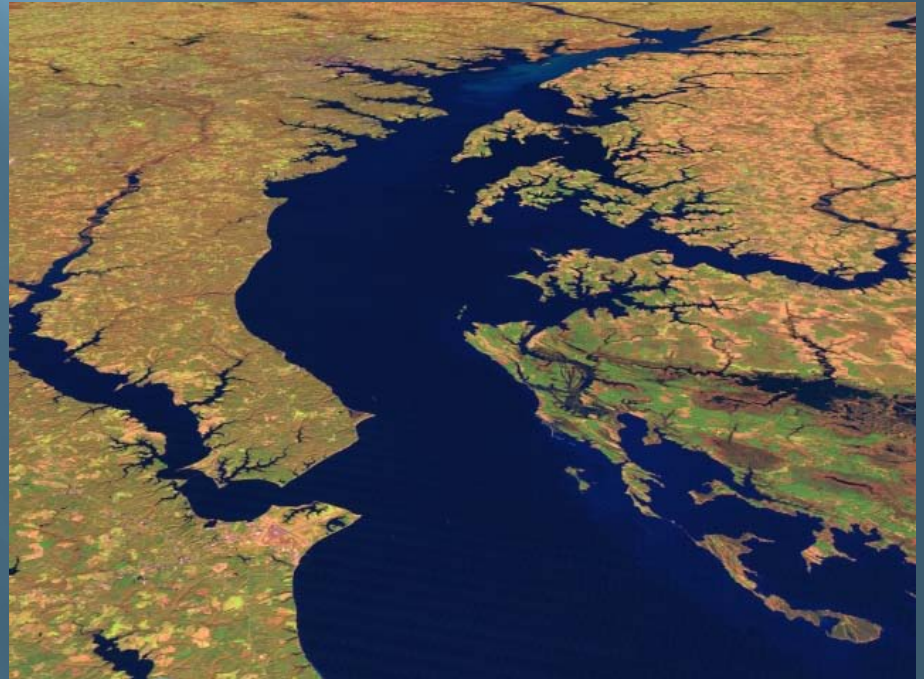


Strengthen their abilities to adapt to climate change impacts and ocean acidification

Regional Ecosystem Protection and Restoration



Establish and implement an integrated ecosystem protection and restoration strategy that is science-based and aligns conservation and restoration goals



Water Quality and Sustainable Practices on Land



Enhance water quality in the ocean, along our coasts, and in the Great Lakes by promoting and implementing sustainable practices on land

Changing Conditions in the Arctic



Address environmental stewardship needs in the Arctic Ocean and adjacent coastal areas in the face of climate-induced and other environmental changes

Ocean, Coastal, and Great Lakes Observations, Mapping, and Infrastructure

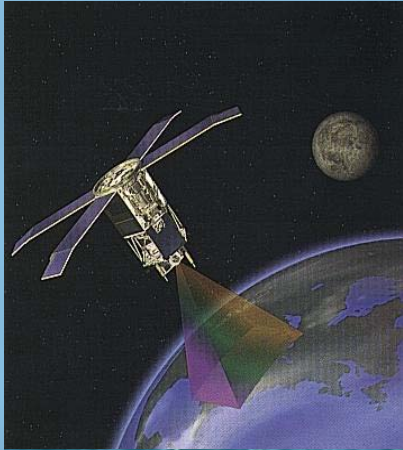
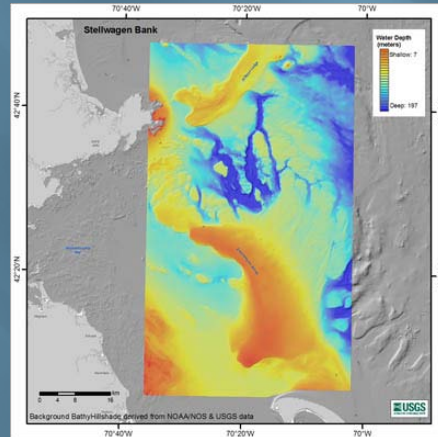


Photo credit: Rutgers



Strengthen and integrate Federal and non-Federal ocean observing systems, sensors, data collection platforms, data management, and mapping capabilities into a national system and integrate that system into international observation efforts

“America's stewardship of the ocean, our coasts, and the Great Lakes is intrinsically linked to environmental sustainability, human health and well-being, national prosperity, adaptation to climate and other environmental changes, social justice, international diplomacy, and national and homeland security.”

- President Barack Obama

www.WhiteHouse.gov/oceans