

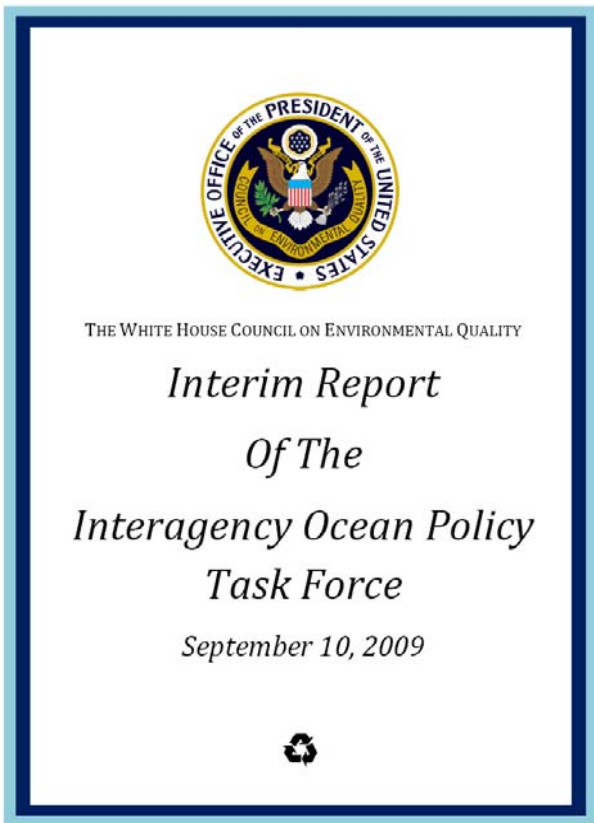


Status Report Interagency Ocean Policy Task Force

Robert B. Gagosian
UNOLS Meeting
October 13, 2009



June 12th Memorandum



90 Days
National Ocean Policy
Governance Framework
Priority Areas

180 Day
Marine Spatial Planning
Framework

Policy

Emphasis on Stewardship

1. Healthy and Resilient Ocean, Coasts, and Great Lakes
2. Safe and Productive Ocean, Coasts, and Great Lakes
3. Understood and Treasured Ocean, Coasts, and Great Lakes

Principles (9)

- Ecosystem-Based Management
- “Protect, Maintain and Restore”
- Minimize adverse environmental impacts
- Best Available Science
- Precautionary Approach

Report Focus: How We Do Business

- Ecosystem-Based Management
- Coastal and Marine Spatial Planning
- Inform Decisions and Improve Understanding
- Coordinate and Support

Report Focus: Areas of Special Emphasis

- Resiliency and 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, Coastal, and Great Lakes Observations and Infrastructure

Ocean Leadership

Role of Science in a National Ocean Policy

Sustainable management of ocean ecosystems, and mitigation of and adaptation to impacts from climate change, requires increased capacity to predict, assess and respond to future ocean risks scenarios

- Which requires models based on sound science
- which requires physical, biological & chemical data obtained from
 - Observations Remote and *In Situ*
 - Basic research on process studies

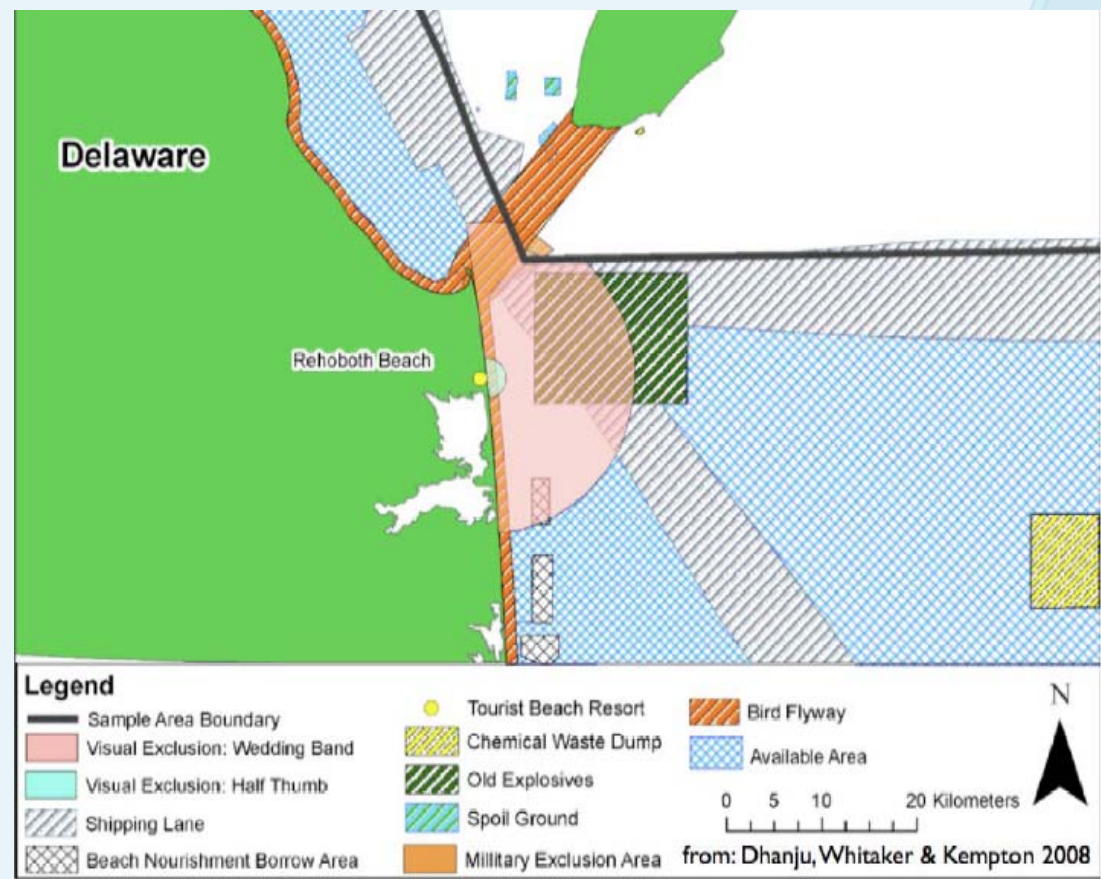
Ocean Leadership Ocean Policy Science Priorities

- Changes in Ocean Productivity
- Opening of the Arctic System
- Forecasting and Adapting to Sea Level Rise
- Observing System Requirements
 - Research Priorities
 - Remote Sensing Priorities
 - *In Situ* Sensing Priorities

Coastal and Marine Spatial Planning (MSP)

Science underpins the development of sustainable management regimes for the future use and stewardship of ocean and coastal resources.

- Identify existing uses, risk areas, and military exclusions
- Define current physical, chemical and biological parameters
- AND forecast future coastal and ocean conditions with new uses.



Ocean Leadership MSP Science Requirements

Implementation and prioritization of MSP science requirements will be regional and goal-specific.

- Conduct Regional Ecosystem Assessments
- Support Continuity of Funding for Observations
- Data Integration and Cyber Infrastructure