



U.S. National Ocean Research Priorities Plan

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Joint Subcommittee on Ocean Science and Technology (JSOST)

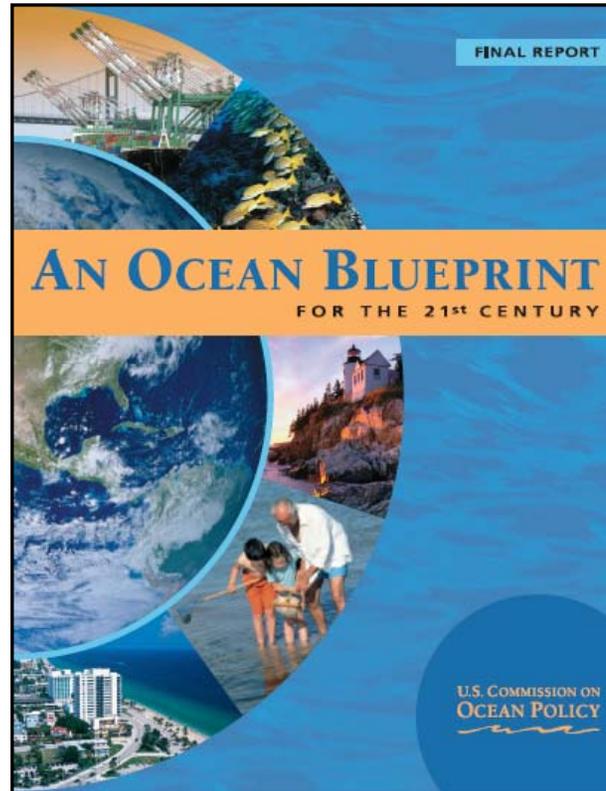
National Estuary Program
National Meeting / NOAA Coastal Manager Meeting Joint Session on
U.S. Ocean Action Plan Implementation
March 8, 2006

Ocean Policy

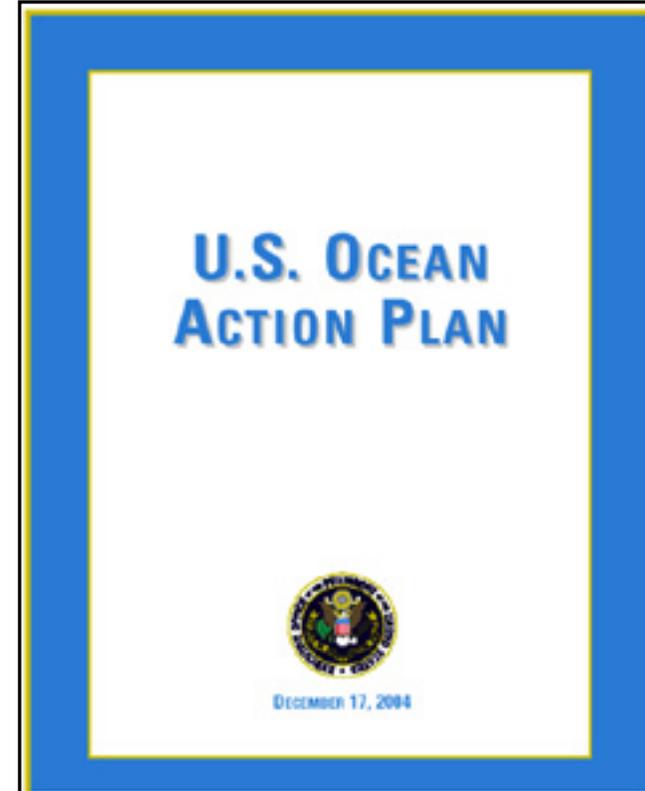
**Oceans Act
2000**



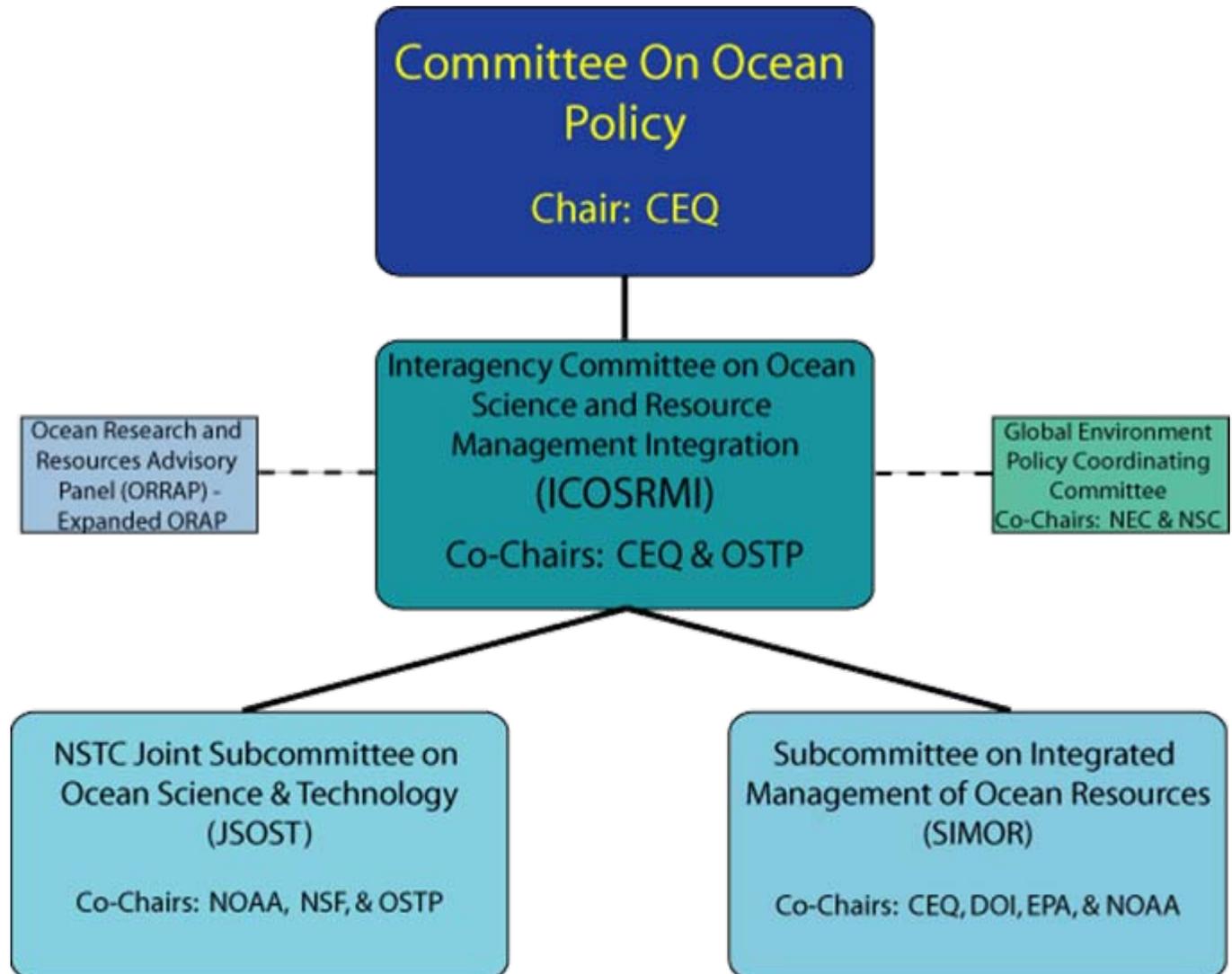
**USCOP Report
2004**



**Bush Response
2004**



Ocean Action Plan Governance Structure





Ocean Research Priorities Plan and Implementation Strategy

“...the administration supports ocean, coastal, and Great Lakes research including exploration for discovery, hypothesis-driven science, infrastructure and technology development, data and information management, improvements of forecasting and data products, new observations and continuing research observations that have substantial societal benefits...” (U. S. Ocean Action Plan)



Principles for Ocean Research Priorities Plan

- Seek enhanced coordination, collaboration, and synergies between USG, academia, nongovernmental organizations, State and local governments, industry
- Address challenges through integration of capabilities of federal, State, local governments, academia, industry, NGOs
- Identify how all ocean sectors should be engaged in preparation and execution of the Plan and Strategy
- Develop in an open and transparent manner
- Develop performance metrics on meeting goals
- Identify areas of highest priority and opportunity



Plan Outline

- Introduction
 - Vision, Justification, Challenges
- Themes, Governance Implications for Research & Cross Cuts
- Asset Requirements
 - Observing infrastructure, Information and communication infrastructure, Intellectual capacity
- Evaluating Performance
- Partnerships
 - State & local Governments, Industry, Academia, NGOs, Global
- Implementation Strategy [separate document]

Themes

Goal-To link research and development to:

- Quality of life
- Human health
- Natural hazards
- Living and non-living resources
- Ecosystem health
- Climate variability and change
- Marine operations (including Homeland Security and National Security)



Governance Needs from Research

- Stewardship of ocean resources
- Economic growth
- National security
- Homeland security

Cross-Cutting Themes

- Basic Understanding
- Education
- Observations and Modeling
- Partnerships



Comments from AMS Town Hall

- The plan needs to stress the importance of interdisciplinary research to understand connections such as that between the atmosphere and the ocean.
- Will the plan discuss how to capture extreme and abrupt events?
- How will the plan deal with operational oceanography and the critical need for research to support it?
- Will the plan deal with how Federal agencies coordinate with States and local governments?
- Will the plan discuss or promote research with an ecosystem based management approach?
- Will there be the discussion of the leveraging of funds?



Selected Questions from The Ocean Sciences Meeting

- The timeline is very tight. What kind of mechanisms will be used to get the word out?
- Observations and modeling are called out in the Plan but not experimentation, which is also very important.
- How will state governance be included in the process?
- How will the Plan deal with perceptions of importance in scientific work (i.e. expensive initiatives are often seen as more important)?
- Will the Plan be used as budget justification to OMB?
- Is there a place for capacity building and entrepreneurship in the Plan?



Selected Questions from The Coastal States Org. Meeting

- How will local government input be solicited?
- There should be an effort to increase access to existing research results and take advantage of what has been accomplished.
- Will monitoring be captured in the Plan?
- Will there be a prioritization in the Plan?
- Will there be a public review of the final draft?



Ocean Research Priorities Plan Public Workshop

- April 18-20, 2006, Adam's Mark Hotel in Denver, CO.
 - Registration is \$100 before April 7, \$150 after April 7
- Participants from diverse ocean communities are encouraged to attend:
 - Governmental (federal, state, local)
 - Academia
 - NGOs
 - Industry
 - Stakeholders



Ocean Research Priorities Plan Public Workshop

- Workshop planning activities began in January-weekly conference calls
- Steering committee
 - Larry Clark-NSF, Mel Briscoe-ONR, Jack Kaye-NASA, Jim Kendall-MMS, Louisa Koch-NOAA
- Additional input solicited from:
 - ORRAP: Steve Weisberg, Shirley Pomponi, Matt Gilligan, Andy Clark, Nancy Rabalais, Ken Turgeon
 - SIMOR



Ocean Research Priorities Plan Public Workshop

- Anticipated attendance ~700-800
- Agenda
 - Emphasis on participant interaction and engagement through multiple, small (35-40 person) breakout sessions focusing on:
 - Themes-Day 1
 - Cross-cuts-Day 2
 - Common needs/integrated results-Day 3
 - Two sets of breakout sessions will be conducted for themes and cross-cuts to promote “out-of-the-box” discussions
 - Participant input will be gathered through report-outs conducted daily for each set of breakout sessions



Ocean Research Priorities Plan Public Workshop

- Workshop participants will have approximately one month to review plan prior to workshop (public comment period will begin mid-March)
- Workshop participants will have one week after the workshop to provide any additional comments through the public comment process (public comment will end at the end of April).



Ocean Research Priorities Plan Public Workshop

- Promotion of workshop through town halls, web page postings, e-mail distribution lists, discussions with societies and organizations, and word-of-mouth endorsement
- Workshop web page with additional information on location, agenda, and registration are located at:
- http://ocean.ceq.gov/about/jsost_workshop/welcome.html

Timeline-2006

- January-March
 - Internal review of plan
 - *0th Draft generated and reviewed by JSOST/SIMOR/FSTT/ORRAP*
 - 1st Draft generation-underway
 - Review/clearance by ICOSRMI-underway
- March-May
 - Release of plan through Federal Register
 - **Public comment period and workshop**
- May-June
 - Incorporating public comments
 - Internal review of 2nd draft
- July-September
 - NRC review of plan
- September-December
 - Incorporating NRC comments
 - Internal review of 3rd draft
 - Release of final plan





Backup Slides

OAP Governance Structure

- ***Committee on Ocean Policy (COP)***—Cabinet level, meets infrequently
- ***ICOSRMI***—meets bi-monthly, reports to COP
- ***JSOST & SIMOR***—meet monthly, report to ICOSRMI
- ***JSOST Interagency Working Groups***—established to work on specific issues, report to JSOST
- ***SIMOR Federal/State Task Team***—reports to SIMOR
- ***ORRAP***—(expanded ORAP) The Federal Advisory Committee Act (FACA) group that advises the ICOSRMI. The ORRAP's (expanded ORAP) responsibilities were recently expanded to include resource management issues.



JSOST Interagency Working Groups (IWGs)

- IWG on Ocean Observations
- IWG on Ocean Partnerships
- IWG on Facilities
- IWG on HABs, Hypoxia, and Human Health
- IWG on Ocean and Coastal Mapping



The President

