

Building Regional Portals and Coastal Web Atlases to Support Coastal and Marine Spatial Planning

**Best Practices,
Lessons Learned, and Requirements**

**Special Interest Meeting
Coastal GeoTools 2011**



NOAA Coastal Services Center
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Purpose of the Special Interest Meeting

Convene a multi-regional group with experience in developing and maintaining regional portals to share information and lessons learned



Objectives

- Increase the amount of knowledge shared between national, regional, and state portal and Web-based mapping efforts
- Discuss the state of knowledge, lessons learned, and best practices associated with portal development and Web-based mapping applications
- Find commonalities that can be used as a basis for building a community website around coastal atlases and regional portals
- Start a dialogue on how to work together within and between regions to support regional coastal and marine spatial planning (CMSP) data management needs
- Inform the NOC on regional data management needs



Agenda

- 8:30 Welcome and Introductions
National Ocean Council – Geospatial Activities
- 8:45 International Coastal Atlas Network Overview
- 9:00 Regional Activities Overview
Regional Panel Questions and Answers
- 10:05 Break-out Session
- 10:55 Report Out from Breakout and Discussion
- 11:30 Next Steps and Wrap-up
- 11:45 Adjourn



The President's National Ocean Policy Building Blocks



THE WHITE HOUSE COUNCIL ON ENVIRONMENTAL QUALITY

*Final Recommendations
Of The
Interagency Ocean Policy
Task Force
July 19, 2010*

National Ocean Council (NOC)
National Priority Objectives
Framework for Coastal and
Marine Spatial Planning
Regional Planning Bodies



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National Ocean Council – Information Management System and Portal Working Group

Charge

Development of a national system dedicated to coastal and marine scientific data and information products to meet the diverse needs of CMSP

Operating Principles

- Agreement to utilize existing user needs assessments to define National Information Management System (NIMS) data and functionality requirements
- Commitment to explore and leverage existing information systems
- Outreach to related coordination and operational programs

Current Focus Areas

- NIMS conceptual design recommendations for NOC approval
- NIMS Lead Agency criteria



NIMS Working Definition

The NIMS will consist of a single point of entry, national framework data sets, a registry of regional portals, common search and discovery functionality, a map viewer for data screening, an initial list of tools, and documentation that includes guidelines containing minimum data standards and information quality standards for all data to be provided through the NIMS. The NIMS will encompass all of the principal components of an effective information management system (hardware, software, data/metadata, services, governance, resources, etc.). The NIMS will use existing infrastructure wherever practicable.



NIMS Hosting

Develop CMSP community in *data.gov* similar to new health community led by Health and Human Services

- General Services Administration (GSA) would provide underlying information technology infrastructure and website development support
- NOC working group would provide subject matter expertise and content



Regional Data Portals and Technical Community of Practice

Community of Practice Objectives

- Build capacity in the development of systems architecture, spatial data, data standards, mapping products, data sharing, and decision-support tools
- Provide a central location for regional CMSP practitioners to access NIMS guidance and learn from other regional efforts
- Establish a formal network of practitioners composed of federal and regional planning body representatives responsible for developing regional information products



Break-out Session

Goals

Gather feedback on user needs for the community website and communication tools to help encourage user interaction



Break-out Session

Question 1:

What types of technical guidance should be provided to assist with coastal atlases and regional data portal development?

Question 2:

What types of communication mechanisms would be useful to assist with coastal atlases and data portal development?



Next Steps

- Post the meeting notes to *cmsp.noaa.gov*
- Share outcomes with the NOC NIMS and Portal Working Group
- Develop mock-up of the “community of practice” website
- Re-engage this group and other interested participants in the development of the website and community
- Public release of the site – Early Summer 2011



For More Information

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