



Integrating USGS Data for U.S. Regional Ocean Planning: A Pilot Project

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September 11, 2013

Ocean planning is...

Single-sector
management

Regional Planning Efforts



Planning Regions

- > Alaska/Arctic Region
- > Caribbean Region
- > Great Lakes Region
- > Gulf of Mexico Region
- > Mid-Atlantic Region
- > Northeast Region
- > Pacific Islands Region
- > South Atlantic Region
- > West Coast Region

Ecosystem based,
regionally guided.

USGS support for ocean planning

- Identify relevant USGS data resources
- Reformat data as necessary
- Add value to existing metadata
- Obtain approval for public release
- Submit data/metadata to designated repositories and clearinghouses

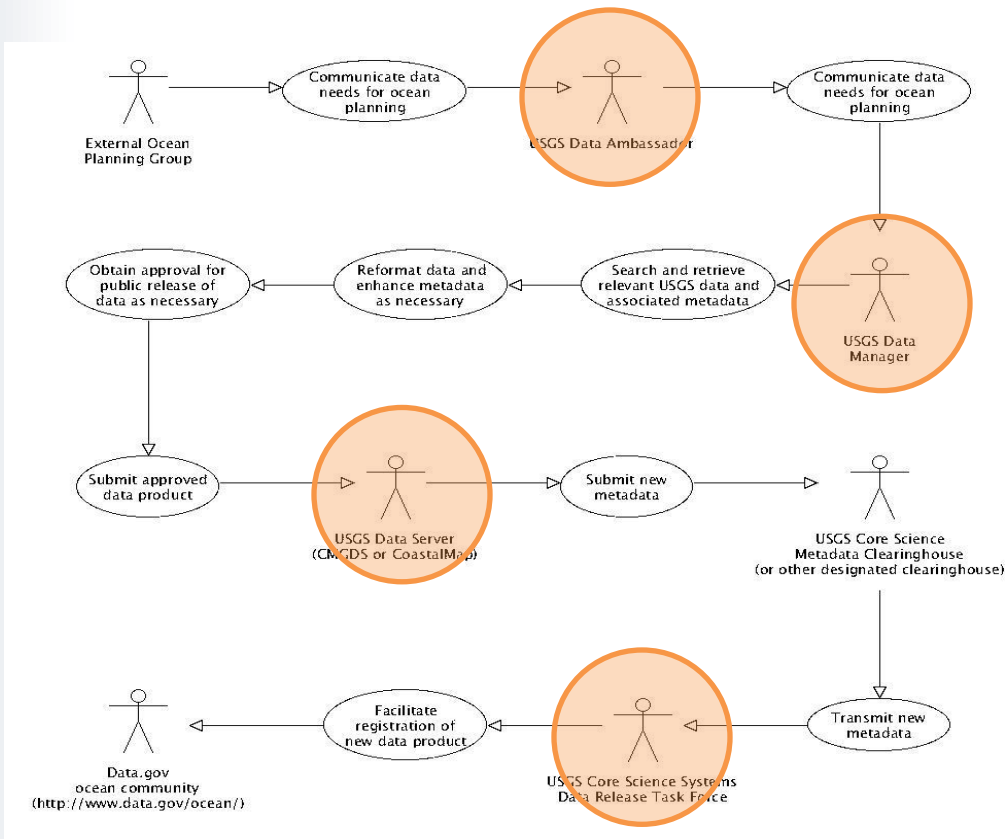
Sound familiar?

Developing and testing a process that will be more generally useful:

		All national initiatives	
		Other purposes	Ocean planning
All USGS data	Other data sources	Long-term goal	“Phase 2”
	CMGP data		Pilot project

Four critical roles in the pilot project

- Data Ambassador
- Data Specialist
- Data Server
- CSAS Task Force



Role of Data Ambassador

Communicate data needs between ...

- groups outside the USGS
 - Regional ocean planning bodies and OOS
 - Ocean.data.gov
- groups within the USGS
 - Data Specialists
 - Blueprint Team
 - CSAS Task Force



Role of Data Specialist

- Receive data needs from the Data Ambassador
- Search and retrieve relevant data/metadata
- Evaluate and modify data/metadata as necessary
- Oversee review of data/metadata and obtain approval for public release
- Submit data/metadata to designated Data Server



Role of Data Server

- **Two designated Data Servers for pilot project (CMGDS and CoastalMap)**
- **Standards-based data services compatible with participation in Data.gov system**
- **Provide metadata for harvest by Core Science Metadata Clearinghouse or other designated clearinghouse**
- **Data Servers coordinate to avoid duplication**



Role of CSAS Task Force



- **Keep track of evolving standards and requirements for participation in Data.gov**
- **Provide essential services:**
 - **Core Science Metadata Clearinghouse (or ...)**
 - **Task-tracking and communications system (JIRA)**
 - **Digital Object Identifiers (DOIs) for datasets**
- **Facilitate registration of data products with Ocean.data.gov and regional data systems**

Progress to Date

- **Both Coastal and Marine Data Servers are integrated into the Core Science Clearinghouse and harvesting is refreshed weekly**
 - Coastal & Marine Geoscience Data System
 - CoastalMap
- **Goal is to provide resources to Data.gov and Ocean.data.gov**



Current challenges

- **Moving Target: Data.gov, Ocean Planning registration process.**
- **Moving Foundation: USGS data release policies and procedures.**



Questions?

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