

Northeast Coastal and Ocean Data Partnership

Hosted by Gulf of Maine Ocean Observing System (GoMOOS)

2009 Work Plan

August, 2009

Member Organizations (January 2009):

Bedford Institute of Oceanography
Centre for Marine Biodiversity
Coastal Ocean Observation and Analysis – UNH
Gulf of Maine Area Census of Marine Life
Gulf of Maine Council on the Marine Environment
Gulf of Maine Ocean Observing System
Gulf of Maine Research Institute
Huntsman Marine Science Centre
Maine Department of Marine Resources
Massachusetts Office of Coastal Zone Management
New Hampshire Department of Environmental Services
Northeast Consortium
NOAA – Coastal Services Center
NOAA – Northeast Fisheries Science Center
NOAA - Satellite & Information Service, National Environmental Satellite, Data, and Information Service (NESDIS), National Oceanographic Data Center (NODC).
St. Andrews Biological Station
Stellwagen Bank National Marine Sanctuary
Tufts University School of Veterinary Medicine/SEANet
USGS – Woods Hole Science Center
US Fish and Wildlife Gulf of Maine Program
University of Connecticut National Underwater Research Program
University of Massachusetts Boston Center for the Study of Coastal Sensor Networks
Wells National Estuarine Research Reserve
Woods Hole Oceanographic Institution
EPA/ORD/NHEERL/Atlantic Ecology Division (Associate)

2009 Partnership Plan

Activity Category	Item Description	Status/Commitment
Authority	Partners are responsible for ensuring they have the authority over any data or models they provide or serve as part of the Partnership, in accordance with the criteria for Authority described in the Technical Guidance document.	Ongoing commitment from all partners.
	As authority issues are encountered and resolved through the various Partnership activities, the Technical Guidance document section on Authority will be updated accordingly.	Technical Committee responsible for updates to Technical Guidance. Will be updated as needed.
Discovery	Partners will continue to register their data sets and models in accordance with the Partnership technical guidance and modeling subcommittee recommendations.	Ongoing commitment from all partners.
	Partners will continue to revise existing entries and specifically review GetData links to ensure that they point directly to where the data can be accessed instead of the organization's web page.	Ongoing commitment from all partners.
	The Metadata Editorial Committee (MEC) will review metadata entries and work with Partners to improve those entries where necessary. The MEC will work with the GCMD to quality control assignment of metadata records to partners/data centers and to assign new records. MEC will provide specific guidance to partners to help improve their citation record in GCMD.	MEC to work on. Ongoing work dependent on time available to MEC members. No funding available.
	Partners are encouraged to implement the MEC guidance to improve their GCMD citation record.	Ongoing commitment from all partners.
	MEC will attempt to hold 2-day workshop for a metadata quality test.	MEC to work on. No funding available.
	Develop a quick start guide to help partners create a minimum GCMD record.	MEC to work on. Target completion date dependent on time available to MEC members. No funding available.
	Develop an automated template process like OBIS Canada.	MEC to work on. Target completion date dependent on time available to MEC members. No funding available.
	Develop an approach to facilitate metadata development and updating by the partners via the ODP Interoperability Experiment (see Interoperability section below).	ODP IE is funded and this item is of high priority.
Accessibility	Partners are encouraged to implement the capability to serve their data sets using one of the recommended data sharing protocols in the Technical Guidance Document.	Ongoing commitment from all partners.
	Partners should continue working towards standard vocabularies within their data sets in preparation for making their data sets accessible. This involves utilizing existing vocabularies or developing a crosswalk from an existing vocabulary to the Partner's proprietary vocabulary.	Ongoing commitment from all partners.
	Partners are encouraged to use standard web services to make their data accessible, using	Ongoing commitment from all partners.

	the knowledge gained from the 2008 web services workshop.	
Interoperability	Continue the work under the 2007 Exchange Network Grant project which was begun in the summer of 2008. Work items include: set up and test node and node client installations; finish data exchange template; build XML schema, share data according to the template/schema, and develop web application to display data.	2007 Exchange Network project is funded and of high priority. Current grant completion date of July 2010.
	Investigate the possibility of integrating existing metadata records from the Global Change Master Directory (GCMD) into the 2007 Exchange Network project, and develop a more robust data discovery and access portal than had been planned with the Exchange Network Project (above) via the ODP interoperability experiment (ODP IE). Remaining tasks (to be completed by March 2009) include: using the visualization tool to motivate and assist partners with improving their metadata records, enhancing the ODP website to encourage participation in the partnership and data exchange, assisting partners with making their data sets available for the portal, and enhancements to the MODP Data Portal visualization tools.	ODP IE is funded and this item is of high priority.
	Begin work on 2008 Exchange Network grant (if granted – expect decision March 2009) which expands on the 2007 Exchange Network to make geographic locational data comply with national/international data standards.	If funded, this will be of high priority.
	The modeling subcommittee will focus on the discoverability, accessibility, and interoperability of models and model results.	Modeling subcommittee to work as time is available for members. No funding available.
NERACOOS	Develop a well-defined relationship with NERACOOS either through language in the bylaws or through memorandum of agreement. Based on discussions and vote at the 2007 annual meeting the Data Partnership desires to remain a separate entity under the general umbrella of NERACOOS and have a significant, well-defined role in advising NERACOOS on data management.	Ongoing effort to be accomplished through Executive Committee and partner membership in NERACOOS work groups efforts. No funding available.
	Expand Partnership to include the same extent as NERACOOS by including the SNEB organizations.	Depends on partnership's vote at annual meeting. If agreed to, will need to assign a lead person. No funding available.
Education/ Outreach	Develop a new partnership guide to provide to potential and new partners. This guide would help new partners come up to speed quickly on what the Partnership has done, its goals and projects, and where it anticipates going.	Need to assign a leader to this item. No funding available.
	Publish and distribute via email and the website a Partnership Annual Update for 2009 activities to keep all partners up to date on the latest Partnership happenings and to document what has occurred.	Executive Committee to complete this.
	Recruit new members (environmental agencies from all states and provinces in the Gulf of Maine region) with data relevant to coastal and ocean observing.	Need to assign a leader to this item. No funding available.
	Become a technical resource for other partners by completing a technical expertise survey: http://gomodp.who.edu/bin/addname . To query this resource, please use this link: http://gomodp.who.edu/ .	Web application developed by Bob Groman. No funding available. Does resource need to be expanded with more partner entries or

		capabilities? Currently has 31 entries.
	Update partnership website to be easier to use and access information.	GoMOOS is lead. No funding available. Will need assistance and guidance from partners on how to improve web site.
Financial	Develop and implement a plan for sustainable funding to provide support for the partnership.	Executive Committee to work on this. This is of high priority since funding is currently limited for continued GoMOOS hosting support for Partnership.