GCOOS-Regional Association Meeting

March 17, 2014
Tallahassee, FL

Mote Marine Laboratory
Ocean Technology Program

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Scope of Work

Maintain DMAC and Data/Portal – GCOOS harvest
- Migration to Cloud-based servers
- Includes data funded by others
- Facilitate transfer to IOOS

Operation of existing Observation Systems
- 50% support of two Optical Phytoplankton Discriminators
  Karenia brevis, other species
- Backup capability to reduce downtime

Education/outreach
- HAB notifications/support
- NSF intern
- Real-time data visualization
Welcome to GCOOS Data Portal

This Data Portal provides timely information about the environment of the United States portion of the Gulf of Mexico and its estuaries for use by decision makers, industry, the military, educators, emergency responders, and the general public. Observing stations in the region are monitored constantly.

Region's Data Sources

The following is an interactive map to display resources. Click on the station to view status and station details. Not all stations may be visible at the current scale stations. The HF Radar overlay uses Coastal Observing Research and Development Center (CORDC) published HF_RADAR_API.
OPD Results, Buoy C20, off of Big Pass Sarasota, FL
Cell counts, MML Dock, New Pass, Sarasota, FL

Date (July 1 - December 31, 2013)
Selection of new location for OPD
Glider Tracking map
Multiple Phytoplankton Taxa Across the West Florida Shelf

Determined by the OPD/Glider. Illustrated against temperature contours. These capabilities in all OPD; will be increasing visibility.
GCOOS Gulf Glider Showcase Part 3 – Mote Marine Laboratory

Nov 16, 2013 - 10:53 am

Mote Marine Laboratory Glider Operations in the Gulf of Mexico

The third story of this multi-part feature on gliders in the Gulf of Mexico (GOM) shifts from industry to research institution glider operations. Mote Marine Laboratory (Mote) is a GCOOS partner and instrumental in advancing marine and coastal research and education in the state of