

SECOORA DWH INVOLVEMENT

H. Seim, SECOORA Board Chair

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Biloxi, MS

Oil Spill – Planning

- White paper – developed jointly by SECOORA and GCOOS
 - originally for NOAA IOOS, focused on mapping subsurface dispersed oil (mid-May 2010)
 - Refined for FL delegation, grew to include HF radar, data management
 - Never explicitly funded (though was the right idea)

Oil Spill – observing activities

- ROFFS – daily surface extent estimates (Roffer)
- UM – aircraft-based surveys (Shay)
- USF – modeling, drifters, gliders (Weisberg), remote sensing (Muller-Karger), cruises
- NCSU – modeling (He, NSF Rapid – circulation)
- UNC-CH – modeling (Luettich, NSF Rapid – shallow waters), observations (Teske)
- UGA – observation (Joye, NSF Rapid)
- Others (I’ m sure to have missed some)

SECOORA website and the Oil Spill

- Facilitating availability of the most recent information on Member activities and other resources
- Constantly Updated Web site
 - detailed images and model results
 - education resources
 - SECOORA members in the media
 - additional links of interest

SECOORA Members Aid Response Efforts in the Gulf



An ongoing oil spill caused by the explosion and sinking of the drilling rig Deepwater Horizon is top news throughout the United States. SECOORA members are contributing their resources and expertise to understanding the impacts and movement of the spill and are being tapped by the media for their expert opinions on the impacts of this event. We are tracking the value of SECOORA members' ocean observing technologies in tracking and aiding in responding to this incident as time progresses. View SECOORA's ongoing inventory of [resources](#) available in the region to contribute to the oil spill efforts. To contribute, please email [Megan Trembl](#).

The links below provide access to more detailed information about SECOORA's efforts as well as educational resources and other links of interest.

- [Member Information, Images and Model Results](#)
- [Oil Spill Classroom](#)
- [Key White Papers, Policy Documents](#)
- [Members in the Media](#)
- [Additional Links of Interest](#)

Breaking News

New York Times article features SECOORA

[Federal Funding Cuts Leave Oceanographers, Spill Responders in Dark](#)

Includes quotes from Debra Hernandez, Josie Quintrell, Nick Shay, Frank Muller-Karger, Bob Weisberg, and many others.

SECOORA forms Ad Hoc Committee on Oil Spill Response

SECOORA has established an Oil Spill Response Ad hoc Committee to effectively organize our ongoing collaboration. This committee will assist with our efforts to respond quickly to opportunities while maintaining transparency and broad involvement of our members. The Committee will have two components: a technical group that focuses on keeping a SECOORA/GCOOS/IRA [proposal](#) current based on evolving activities and conditions in the Gulf of Mexico. The existing proposal may be broadened from its focus on subsurface mapping and modeling of physical parameters to examine the ocean observing contribution to assessing biological impacts. A second group within the Ad Hoc Committee will focus on political and policy issues associated with this effort. There will be overlap in the work and the participation on the two sub-groups. For more information, contact Debra Hernandez (debra@secoora.org).

www.secoora.org

IOOS Contribution

- Staffing at Incident Command Posts and Unified Area Command
- HF radar deployment, operations
- Glider deployments
- Drifters
- Profiling floats (NAVO)

Unified Area Command

- IOOS as Chief Science Advisor to subsurface mapping (planning/environmental)
- Staffed by Sam Walker and Harvey Seim
- Broad charge – operations support (staffing, DM, equipment, etc), analysis (JAG, in house), guidance (mission planning, fleet coordination)
- Finally getting deep feature mapped (since early August)

Gliders

- Number of gliders deployed (Spray, Seaglider, Webb Slocum) by various institutions since June
- Have collected 1000s of profiles
- Final push on to operate near wellhead
- Limited analysis to date

Impressions

- UAC/ICP promote interagency communications/ coordination
- Funding process for subsurface uncertain, led to delays
- Command system ultimately used to request agency resource commitments
- Depth of dispersed oil challenged our technologies, difficult to sample adequately