



## NEWSLETTER OF THE GULF OF MEXICO COASTAL OCEAN OBSERVING SYSTEM

### GCOOS NEWS AND UPDATES FOR 12 AUGUST 2011

#### GULF OF MEXICO REGIONAL NEWS

##### **GCOOS-RA Board of Directors meeting to be held in Sarasota, FL**

The GCOOS-RA Board of Directors will be holding its summer/fall meeting at the Mote Marine Laboratory in Sarasota, FL, on 15-16 September 2011. The meeting will focus on building and enhancing the Gulf of Mexico Coastal Ocean Observing System. It includes international, national, and regional perspectives on the GCOOS and partners. The Provisional Agenda and information on the meeting is posted at [http://gcoos.tamu.edu/meetingreports/2011\\_Sept/Sept11Agenda.pdf](http://gcoos.tamu.edu/meetingreports/2011_Sept/Sept11Agenda.pdf).

##### **Joint Gulf of Mexico Alliance-Hypoxia Task Force Meeting**

Leaders from across the Gulf gathered in New Orleans for the first joint meeting of the Gulf of Mexico Alliance and Hypoxia Task Force on 2-4 August 2011. The three-day meeting focused on the state of the Gulf of Mexico ecosystem and economy. Short reports on three sessions - International Integration, Gulf Restoration, and Hypoxia - are given in GOMA News at <http://www.gulfofmexicoalliance.org/index.php>.

##### **GCOOS-RA Participates in Joint Gulf of Mexico Alliance-Hypoxia Task Force Meeting**

The GCOOS-RA was well-represented at the August Joint Meeting. GCOOS Board members, Nancy Rabalais, Sharon Walker, Mike Spranger, John Dindo, Stephan Howden, and Cort Cooper participated in the sessions and business meetings. GCOOS staffers, Ann Jochens, Matt Howard, and Chris Simoniello, attended the sessions and worked with the GOMA Priority Issue Teams on plans for nutrient reduction, water quality, ecosystem integration and assessment, and environmental education.

##### **2011 EPA Gulf Guardian Awards**

The Environmental Protection Agency Gulf of Mexico Program presented the 2011 Gulf Guardian Awards on 3 August 2011 at an evening reception and ceremony during the Joint Gulf of Mexico Alliance Hypoxia Task Force Meeting. Winners are listed in <http://www.epa.gov/gmpo/pdf/ggaward-2011-flyers.pdf>. The GCOOS-RA was a winner in the Partnership Category. Stephan Howden (USM CenGOOS), Mike Dardeau (DISL MBEM), and Chunyan Li (LSU WAVCIS) joined GCOOS staffers, Ann Jochens, Matt Howard, and Chris Simoniello, in accepting this award on behalf of the 12 GCOOS-RA partners who, with their IT staff, worked to integrate non-federal data sets through the GCOOS Data Portal project: Central Gulf of Mexico Ocean Observing System (University of Southern Mississippi); Coastal Ocean Monitoring & Prediction System (University of South Florida); Dauphin Island Sea Lab - Mobile Bay Environmental Monitoring (Alabama); Earth Scan Laboratory (Louisiana State University); Louisiana Universities Marine Consortium Environmental Monitoring; Mote Marine Laboratory; Texas Automated Buoy System (Texas General Land Office; operated by Texas A&M University); Texas Coastal Ocean Observation Network (Texas A&M University - Corpus Christi); Institute for Marine Remote Sensing (University of South Florida); and Wave-Current-Surge Information System for Coastal Louisiana (Louisiana State University), GCOOS Data Management (Texas A&M University), and GCOOS Data Portal Architecture (TAMU and University of Miami). All winners are listed [here](#).

## **NOAA Report Highlights Economic and Ecological Value of Gulf Coast Region**

*The Gulf of Mexico at a Glance: A Second Glance* was released on 2 August to coincide with the joint GOMA-Hypoxia Task Force Meeting. The [report](#), prepared by NOAA in partnership with the U.S. Census Bureau and U.S. EPA, provides economic and ecological highlights about the Gulf's coastal communities, economy, and ecosystems.

<http://stateofthecoast.noaa.gov/gulfreport.html>

[http://www.noaanews.noaa.gov/stories2011/20110802\\_gulfataglance.html](http://www.noaanews.noaa.gov/stories2011/20110802_gulfataglance.html).

## **Gulf Coast Ecosystem Restoration Task Force**

The last Task Force listening session will be held 30 August 2011 in Biloxi, MS

Visit [www.epa.gov/gulfcoasttaskforce/](http://www.epa.gov/gulfcoasttaskforce/) for more details.

## **NOAA's Atlantic hurricane season update calls for increase in named storms**

NOAA issued its updated 2011 Atlantic hurricane season outlook on 4 August 2011, raising the number of expected named storms from its pre-season outlook issued in May. Forecasters also increased their confidence that 2011 will be an active Atlantic hurricane season. Across the entire Atlantic Basin for the whole season – June 1 to November 30 – NOAA's updated seasonal outlook projects, with a 70 percent probability, a total of 14 to 19 named storms (top winds of 39 mph or higher), of which 3 to 5 could be major hurricanes (Category 3, 4 or 5; winds of at least 111 mph). Additional information is at

[http://www.noaanews.noaa.gov/stories2011/20110804\\_update\\_atlantichurricaneoutlook.html](http://www.noaanews.noaa.gov/stories2011/20110804_update_atlantichurricaneoutlook.html). Be

prepared for the hurricane season with important information available online at NOAA's

<http://hurricanes.gov/prepare> and at FEMA's <http://ready.gov> web sites.

## **NOAA-Supported Scientists Find Large Dead Zone in Gulf of Mexico**

NOAA-supported scientists found that the size of this year's Gulf of Mexico dead zone is nearly 6,800 square miles. Researchers had predicted the potential for a record sized dead zone between 8,500 and 9,421 square miles due to the spring flooding of the Mississippi River, but strong winds and waves associated with Tropical Storm Don disrupted the western portion of the dead zone. The average size of the dead, or hypoxic, zone over the past five years has been 6,688 square miles. Last year's dead zone measured approximately 7,722 square miles.

[http://www.noaanews.noaa.gov/stories2011/20110804\\_deadzone.html](http://www.noaanews.noaa.gov/stories2011/20110804_deadzone.html).

## **US IOOS NEWS**

### **U.S. IOOS at MTS/IEEE Oceans 2011- Kona, Hawaii September 19-22, 2011**

The NOAA IOOS Office will host two IOOS town hall panel sessions at the Oceans 2011 Conference. The first will be focused on partnerships to integrate ocean observations to meet customer needs. We will be asking leaders from U.S. and other national ocean observing programs to highlight successful strategies. The second town hall will focus on Ocean Observing Technologies and the chain of marine technology development from new ideas to building systems. We will be asking experts to help us explore what's working and what could be improved within that chain of development. Both sessions will be designed to include significant question and answer discussions.

## **NATIONAL NEWS**

### **NOAA Science Integrity Policy – Open for Public Comment until August 20<sup>th</sup>**

NOAA recently released their draft policy on scientific integrity following the President's 2009 memorandum and the White House Office of Science and Technology Policy guidance issued in late 2010. NOAA's policy establishes principles for scientific integrity, a scientific Code of Conduct, and Code of Ethics for Science Supervision and Management. Dr. Jane Lubchenco, NOAA Administrator, articulates that, "Scientific integrity is at the core of producing and using good science. By being open and honest about our science, we build understanding and trust." NOAA's

scientific integrity policy will affect all employees and contractors who conduct, supervise, assess, and/or interpret scientific information. Those who receive grants from NOAA will be accountable to their home institutions. Please visit [NOAA's website](#) to review the draft scientific integrity policy and provide comments before August 20<sup>th</sup>.

### **EBM Tool Network Hosting Webinar on Decision Support Tools for MSP**

On August 18th (1 pm EDT//10 am PDT//5 pm GMT ), the [Ecosystem-Based Management \(EBM\) Tools Network](#) will host a presentation on the *Decision Guide for Selecting Decision Support Tools for Marine Spatial Planning* by Melissa Foley and Erin Prahler of the Center for Ocean Solutions. The Center for Ocean Solutions has developed the *Decision Guide* to help users select decision support tools for marine spatial planning processes in their jurisdictions. This presentation will describe the [Decision Guide](#) and available tools. To register see [http://www.ebmtools.org.tools\\_training/presentations.html](http://www.ebmtools.org.tools_training/presentations.html)

## **COMING EVENTS & MEETINGS**

### **August**

Meeting: "[Oceans in Action](#)", Imperial Palace Casino, Biloxi, MS, 22-23 August 2011. Learn how government agencies and universities are supporting both current and emerging oceanographic operations worldwide.

<http://www.mtsociety.org/conferences/techsurge/oceansinaction.aspx>

Meeting: "[Gulf Coast Ecosystem Restoration Task Force](#)" 30 August 2011, Mississippi Coast Coliseum and Convention Center, Biloxi, MS.

[www.epa.gov/gulfcoasttaskforce/](http://www.epa.gov/gulfcoasttaskforce/)

### **September**

Meeting: "[GCOOS-RA Board of Directors](#)" 15-16 September 2011, Mote Marine Laboratory, Sarasota, FL.

Meeting: "[OCEANS '11 MTS/IEEE](#)", 19-22 September 2011, Hilton Waikoloa Village, Kona, HI.

<http://www.oceans11mtsieeekona.org/>

National Estuaries Day, 24 September. To find out more about National Estuaries Day and the events scheduled on that day please visit their website.

<http://estuaries.gov/GetInvolved/Default.aspx?ID=153>

### **October**

Conference: "[ADCPs in Action](#)" 2-5 October 2011, The Catamaran Hotel, San Diego, CA. The conference will focus on these three themes: Marine Measurements Detailed Training, Water Resources and Navigation. Please visit their [website](#) for more on these schedules.

<http://www.rdinstruments.com/aia2011.aspx>

Meeting: "[Ocean Innovation 2011](#)" 18-21 October, Iqaluit, Nunavut, Canada.

<http://www.oceaninnovation.ca/Themes/2011/Content/index.php>

Meeting: "[American Shore & Beach Preservation Association's Expanding Coastal Horizons](#)" 19-21 October 2011, New Orleans, LA.

[http://www.asbpa.org/conferences/conf\\_fall\\_11.htm](http://www.asbpa.org/conferences/conf_fall_11.htm)

## November

Meeting: "NRDA for the Gulf: Improving Our Ability to Quantify Chronic Damages" 2-4 November 2011, The National Aquarium, Baltimore, MD.

[http://app.bronto.com/public/?q=preview\\_message&fn=Link&t=1&ssid=2525&id=i54q5mei775lgk60s4aojgzkvtrd&id2=16kbzuc8wgmavs801ea1owop5hk0&subscriber\\_id=awmxryazphmbxsdbgydpndhdqjlmnpjm&messageversion\\_id=baqwlfgzufatmelglaxwqmcjnxgobhm&delivery\\_id=amdxnkwqrgt](http://app.bronto.com/public/?q=preview_message&fn=Link&t=1&ssid=2525&id=i54q5mei775lgk60s4aojgzkvtrd&id2=16kbzuc8wgmavs801ea1owop5hk0&subscriber_id=awmxryazphmbxsdbgydpndhdqjlmnpjm&messageversion_id=baqwlfgzufatmelglaxwqmcjnxgobhm&delivery_id=amdxnkwqrgt)

Meeting: "[Using Modeling to Solve Engineering and Environmental Assessment Problems](#)", 7-9 November 2011, The Renaissance Resort, St. Augustine, FL.

<http://www.oce.uri.edu/ecm12/>

## December

Meeting "[State of the Gulf Summit](#)", hosted by Harte Research Institute, 4-8 December 2011, Omni Galleria Hotel, Houston, TX.

<http://www.hareresearchinstitute.org/state-of-the-gulf-summit/>

Meeting: "[American Geophysical Union Fall Meeting 2011](#)", 5-9 December 2011, San Francisco, CA. The keynote address will be delivered by Simon Winchester on 5 December in the Moscone Center North.

\*ABSTRACT DUE DATE: 4 AUGUST 2011\*.

<http://www.agu.org/fallmeeting>

## 2012

Meeting: "[AMS 92<sup>nd</sup> Annual Meeting](#)", 22-26 January 2012, Ernest N. Morial Convention Center, New Orleans, LA. This year's theme is "Technology in Research and Operations - How We Got Here and Where We're Going".

\*ABSTRACT DUE DATE: 1 August 2011\*.

<http://ametsoc.org/meet/annual/>

Meeting: 2012 Ocean Sciences Meeting, 19-24 February 2012, Salt Lake City, Utah. Please contact Lynda West ([lyndaw@sgmeet.com](mailto:lyndaw@sgmeet.com), Tel: 254.776.3550) at the conference office if you have any questions.

(<http://www.sgmeet.com/osm2012/submittal.asp>)

\*REGISTRATION AND ABSTRACT DUE DATE: 7 October 2011\*.

Meeting: "[2012 Defense Security + Sensing](#)" 23-27 April 2012, Baltimore Convention Center, Baltimore, MD. This meeting is sponsored by SPIE, the International Society for Optics and Photonics.

\*ABSTRACT DUE DATE: 10 October 2011\*.

<http://spie.org/x6765.xml>

Meeting: "2012 ASLO Summer Meeting" 8-13 July 2012, Lake Biwa, Otsu Japan.

## FUNDING OPPORTUNITIES

### National Science Foundation Programs and Deadlines

- The National Science Foundation has a program to make grants to institutions of higher education to support [scholarships](#) for academically talented and financially needy students, enabling them to enter the workforce following completion of an associate; baccalaureate; or graduate-level degree in science and engineering disciplines. [Full proposal deadline is August 11, 2011.](#) [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5257](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5257)
- National Science Foundation's Biological Oceanography Program [Full proposal deadline is August 15, 2011.](#) [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=11696](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11696)
- The National Science Foundation's Chemical Oceanography Program [Full proposal deadline is August 15, 2011.](#) [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=11698](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11698)
- The National Science Foundation's Oceanographic Technology and Interdisciplinary

Coordination (OTIC) Program. [Full proposal deadline is August 15, 2011. http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=12724](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12724)

- The National Science Foundation's Physical Oceanography Program [Full proposal target date is August 15, 2011. http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=12729](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12729)

### **GLOS Releases RFP for Data Management Services**

The Great Lakes Observing System (GLOS) Board of Directors is issuing a Request for Proposals (RFP) for services to operate, maintain and update as needed the existing Data Management and Communications (DMAC) System as well as provide enhancements to a data catalog/query web portal to support public access to the GLOS data clearinghouse. The deadline for proposals is 5:00 PM eastern on Monday, 12 September 2011. All questions regarding this RFP, whether technical or procedural in nature, must be directed to Kelli Paige via email: [kpaige@glos.us](mailto:kpaige@glos.us) (no call please) by Friday August 19. The RFP as well as supporting documents are posted at: <http://glos.us/news-events/news/2011-07/rfp-data-management-services>

## **EMPLOYMENT**

### **Gulf Research Initiative Research Board announces search for Chief Scientific Officer**

The GRI RB has recently announced it's search for a GRI Chief Scientific Officer (<http://griresearchboard.org/about/opportunities.html>) The CSO will provide science and research advice and leadership, and will coordinate between the RB and other administrative units of the GRI. The CSO will support the RB in ensuring the intellectual quality, research effectiveness, and scientific independence of the GRI research program. The application deadline is 15 October 2011. For full position description and information on applying, please go to <http://www.gulfresearchinitiative.org/about-gri/opportunities/>

### **Coordinator of Gulf of Mexico University Research Collaborative**

Florida Institute of Oceanography is seeking a Coordinator for the Gulf of Mexico University Research Collaborative (GOMURC) to be based in St. Petersburg, FL. The Coordinator is responsible for working with members to develop and promote the overall mission and strategies of the GOMURC and to oversee day-to-day operations, including personnel and budget management. Position posted on 1 August 2011. For details see [https://employment.usf.edu/applicants/jsp/shared/position/JobDetails\\_css.jsp?postingId=166165](https://employment.usf.edu/applicants/jsp/shared/position/JobDetails_css.jsp?postingId=166165)

### **NOAA NOS seeks Management Analyst**

NOAA's National Ocean Service has a vacancy for a Management Analyst within US IOOS. The deadline to apply is 22 August 2011. The position is now open at USA Jobs at [http://jobview.usajobs.gov/GetJob.aspx?jobID=101643387&JobTitle=Management+Analyst%2c+ZA-0343-IV+\(DE%2fCR\)&q=ioos&where=&brd=3876&vw=b&FedEmp=N&FedPub=Y&x=0&y=0&AVSDM=2011-08-12+10%3a18%3a00](http://jobview.usajobs.gov/GetJob.aspx?jobID=101643387&JobTitle=Management+Analyst%2c+ZA-0343-IV+(DE%2fCR)&q=ioos&where=&brd=3876&vw=b&FedEmp=N&FedPub=Y&x=0&y=0&AVSDM=2011-08-12+10%3a18%3a00)



GCOOS is the Gulf of Mexico regional component of the U.S. Integrated Ocean Observing System (IOOS). Our mission is to provide timely, reliable, and accurate information on the open and coastal ocean waters of the Gulf of Mexico to ensure a healthy, clean, productive ocean and resilient coastal zone. Your input, guidance, support, and membership are important to the development of the data, products and services that you need. Contact GCOOS Coordinator, Ann Jochens ([ajochens@tamu.edu](mailto:ajochens@tamu.edu)), to become a GCOOS member and for more information.

We welcome your feedback. If you have an item that you would like to share with others, please email that item to Laura Caldwell ([lcaldwell@geos.tamu.edu](mailto:lcaldwell@geos.tamu.edu)).