



DISCOVERY UNDERSTANDING ACTION

# Weekly Newsletter

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Week of 17 March 2008  
Number 10

## President's Corner

This week I have been working with the leadership at NOAA to advance the Integrated Ocean Observing System. I am hopeful that NOAA will be able to afford to grant enough competitive awards to keep important regional observing efforts moving forward. With Congress on recess this week, Ocean Leadership has been busy getting ready for upcoming meetings and events. Several Ocean Leadership education staff will head up to Boston next week for the National Science Teachers Association Conference. This will be a great opportunity for Ocean Leadership to inform attending teachers about the National Ocean Sciences Bowl (NOSB) and Deep Earth Academy. If you are attending, please stop by our booth 2162 to learn more about these great programs.

On behalf of the Consortium for Ocean Leadership, please let us know how we can help support the ocean community. I also encourage you to take a look at our Web site ([www.oceanleadership.org](http://www.oceanleadership.org)) for updates and look forward to hearing your thoughts and ideas on how we can improve its effectiveness.

Bob

## Congressional Calendar

Wednesday, March 26 10:30 AM Bismark State College, Bismark, ND	Senate Energy and Natural Resources Subcommittee on Energy will hold a field hearing on challenges associated with rapid deployment of large-scale carbon capture storage technologies.
Thursday, April 3 10:00 AM 253 Russell Bldg	Senate Commerce, Science and Transportation Committee will hold a hearing on the management and enforcement of international fisheries.
Thursday, April 3 10:00 AM 1334 Longworth Bldg	House Natural Resources Subcommittee on Fisheries, Wildlife and Oceans will hold a hearing on H.R.5618, the National Sea Grant College Program Amendments Act of 2008. Ocean Leadership President Bob Gagorian will testify.
Thursday, April 10 10:00 AM 2358 Rayburn Bldg	House Appropriations Subcommittee on Commerce, Justice, Science and Related Agencies will hold a hearing on the NOAA budget.
Friday, April 18 Time TBA Green Bay, WI	House Transportation and Infrastructure Subcommittee on Water Resources and the Environment will hold a field hearing on water levels in the Great Lakes.

## Congressional News

### **FATE OF EARMARKS STILL IN THE BALANCE**

Both Republicans and Democrats have been posturing on the fate of earmarks in the FY2009 appropriations process. Democrat Speaker Nancy Pelosi has been considering barring earmarks, partially in reaction to Republican criticism. Both the House and the Senate rejected moratoriums on earmarks during consideration of the Budget Resolution earlier this month. Fiscal conservatives in the House earlier this year sought to impose a yearlong moratorium on earmarks, but Republicans opted for a less ambitious approach, calling on Democrats to impose a temporary moratorium and create a joint select committee to study the issue.

This week, the House Appropriations Committee extended the deadline for submitting earmark requests from March 19 to March 24. House Republicans now must also certify that they are in compliance with additional restrictions including not seeking funding for projects named for themselves or adding earmarks into conference reports that were not included in either the House or Senate version of a bill.

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## Ocean Leadership News

### **ARCTIC OCEAN HISTORY WORKSHOP**

The Arctic Ocean is crucial for understanding global ocean circulation processes and Mesozoic tectonics. The unexpected results derived from cores collected during the Integrated Ocean Drilling Program's Expedition 302 have exposed the ancient Arctic Ocean, providing the basis for further studies by framing new questions and by highlighting how little is known. Funded by the Consortium for Ocean Leadership, the European Science Foundation, the Arctic Ocean Science Board, and the Nansen Arctic Drilling Program, the <sup>3</sup>Arctic Ocean History, From Speculation to Reality<sup>2</sup> workshop will bring together an international group of scientists to plan future scientific ocean drilling expeditions to the Arctic Ocean that seek to understand this ocean basin, the continents that ring it, and the global climate system.

To participate in this workshop, visit: [www.oceanleadership.org/arctic](http://www.oceanleadership.org/arctic). All interested scientists, researchers, and students are encouraged to apply.

Participation will be limited to optimize workshop goals. Partial travel support is available. Applications are due August 24, 2008. Please contact Bernard Coakley, [bernard.coakley@gi.alaska.edu](mailto:bernard.coakley@gi.alaska.edu) or Ruediger Stein, [rstein@awi-bremerhaven.de](mailto:rstein@awi-bremerhaven.de) for further information.

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### **SUBMIT A WORKSHOP PROPOSAL TO THE U.S. SCIENCE SUPPORT PROGRAM**

The Consortium for Ocean Leadership is currently accepting workshop proposals submitted to the U.S. Science Support Program (USSSP) associated with the Integrated Ocean Drilling Program (IODP). Proposed workshops should promote the development of new ideas to study the Earth's processes and history via scientific ocean drilling. The primary goal of the workshop program is to identify promising new scientific objectives and research opportunities. USSSP seeks to expand its long-standing sponsorship of workshops in ocean sciences, marine geology and geophysics and paleoclimatology to related disciplines by encouraging broad-based scientific community involvement. Co-sponsorship of workshops by related programs and the active participation of graduate students are strongly encouraged. Submission deadline is April 1, 2008. For more information log on to, <http://www.oceanleadership.org/ussp/workshops> or contact Charna Meth at (202) 787-1639 or [cmeth@oceanleadership.org](mailto:cmeth@oceanleadership.org).

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### **SCHOOL OF ROCK 2008 TEACHER RESEARCH EXPERIENCE**

Deep Earth Academy, the Integrated Ocean Drilling Program (IODP), and the Consortium for Ocean Leadership is pleased to announce:

School of Rock 2008: Using Ocean Cores to Explore Past Climate Change

Dates: July 6-14, 2008

Location: IODP's Gulf Coast Repository at Texas A&M University College Station, Texas  
Application Deadline: Friday, 4 April (only 12 spots available).

The 2008 School of Rock teacher research experience is scheduled to begin Sunday, 6 July, 2008 at the Integrated Ocean Drilling Program's (IODP) Gulf Coast Repository at Texas A&M University. What's so special about the Gulf Coast Repository? About 60 miles of ocean cores can be viewed and studied there!

During School of Rock research experiences, K-12, informal, and undergraduate educators will have daily opportunities to conduct hands-on analyses of sediment and hard-rock cores with scientists and technicians who specialize in IODP research. This year's workshop will focus on how cores shed light on climate change cycles of the past and will include investigation of paleoceanography, sedimentology, biostratigraphy; seafloor spreading, composition and structure of the oceanic crust; and methods for sampling the subseafloor environment. The workshop also provides educators with time to brainstorm with each other and our scientists to plan new classroom activities based on their new knowledge and research.

Fact sheets and applications are now available at <http://www.deepearthacademy.org>. For additional information, please contact, Sharon Cooper at (202) 787-1632 or [scooper@oceanleadership.org](mailto:scooper@oceanleadership.org).

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### **APPLY NOW FOR THE OCEAN LEADERSHIP DISTINGUISHED LECTURER SERIES**

Apply now to host an Ocean Leadership Distinguished Lecturer at your institution during the 2008-2009 academic year. The Consortium for Ocean Leadership's U.S. Science Support Program offers the Distinguished Lecturer Series to bring the exciting scientific results and discoveries of the Integrated Ocean Drilling Program to academic research institutions, museums, and aquaria. Applications are due April 4, 2008 and are available by contacting Ocean Leadership or online at [www.oceanleadership.org/DLS](http://www.oceanleadership.org/DLS).

2008-2009 Ocean Leadership Distinguished Lectures:

- Exploring Oceanic Magmatism Through Silicate Melt Inclusion – Adam Kent, Oregon State University
- A Cenozoic History of Atmospheric Carbon Dioxide – Mark Pagani, Yale University
- Marine Barite: A Recorder of Ocean Chemistry and Productivity – Adina Paytan, University of California, Santa Cruz
- Fluid and Heat Circulation in the Subseafloor Ocean – Glenn Spinelli, New Mexico Tech
- Microbes and Volcanoes: A Tale from the Seafloor – Hubert Staudigel, Scripps Institution of Oceanography
- Deep-Ocean Circulation During Extremely Warm Climates – Debbie Thomas, Texas A&M University

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### **DEEP EARTH ACADEMY LAUNCHES BUBBA'S TOUR**

Deep Earth Academy will be launching its brand new Web-based interactive - "Bubba's Tour" of the research ship for IODP <http://www.oceanleadership.org/learning/Bubba> - at the National Science Teachers Association Conference in Boston March 27-30. View the Web video invitation to Deep Earth Academy's presence at NSTA here - <http://oceanleadership.org/node/1507>.

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## **Ocean Community News**

View the Ocean Leadership Calendar through the Web site, <http://www.oceanleadership.org/event> -- if you have any additions, please email submissions to Gregg Schmidt at [gschmidt@oceanleadership.org](mailto:gschmidt@oceanleadership.org).

## **IOOS STRATEGIC PLAN OPEN FOR COMMENT**

On March 11, the Joint Subcommittee on Ocean Science and Technology - Interagency Working Group on Ocean Observation (JSOST-IWGOO) announced the opening of its 30-day public comment period on the Integrated Ocean Observing System (IOOS) Strategic Plan. The five year Strategic Plan builds on the IOOS and characterizes the areas of highest priority for the United States' contribution to the Global Earth Observation System of Systems (GOESS)

To access the IOOS Strategic Plan visit: <http://www.ocean.us/IWGOO/SPcomments>. The public can submit their comments electronically to [strategic\\_comments@IWGOO.net](mailto:strategic_comments@IWGOO.net). All written, faxed, or emailed comments must be received no later than April 4, 2008 at 5 p.m. (EST).

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## **ORRAP MEETING TO BE HELD AT OCEAN LEADERSHIP OFFICES IN WASHINGTON, DC**

The NOPP Office would like to announce the next meeting of the Ocean Research and Resources Advisory Panel (ORRAP), scheduled for 15-16 April 2008. The meeting, which is open to the public, will be held at the Ocean Leadership offices at 1201 New York Ave NW, Washington, DC. The draft meeting agenda can be found [here](#). The ORRAP advises the highest levels of government on matters of marine science, marine policy, resource management, and other related fields. For more information, visit <http://www.nopp.org/Dev2Go.web?id=207773>.

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## **NOAA MAKES REVISED DRAFT FRAMEWORK FOR DEVELOPING THE NATIONAL SYSTEM OF MARINE PROTECTED AREAS AVAILABLE FOR COMMENT**

The National Oceanic and Atmospheric Administration is making the Revised Draft Framework for Developing the National System of MPAs available for comment. This is the second draft of the Framework, which as been revised due to the consideration of over 11,000 comments and recommendations received during its first public comment period. The Framework seeks to provide guidance for collaborative efforts among governments and stakeholders in order to develop an effective system of Marine Protective Areas.

Comments must be received by April 16, 2008 by 11:59 pm (EST). For paper copies of the document and for additional comments contact Lauren Wenzel at [mpa.comments@noaa.gov](mailto:mpa.comments@noaa.gov), or 301-713-3100.

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## **AGU JOINT ASSEMBLY MEETING IN FLORIDA**

The 2008 AGU Joint Assembly is being held 27–30 May 2008 at the Greater Fort Lauderdale-Broward County Convention Center, Fort Lauderdale, Florida. The Program Committee is developing a Union-wide science program that will cover topics in all areas of geophysical sciences. Located in South Florida, the Joint Assembly is sure to offer exciting sessions and a relaxing atmosphere. For more information call 1-800-966-2481 or [ja-help@agu.org](mailto:ja-help@agu.org).

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## **CALL FOR PAPERS & PRESENTATIONS AT COASTAL CITIES SUMMIT IN ST. PETERSBURG, FL**

International Ocean Institute (IOI-USA) and the City of St. Petersburg are hosting a Coastal Cities Summit on November 17-20, 2008, to address the challenges that coastal city leaders face as populations increase, resources are depleted, and the impacts of climate change are felt.

The 3½ day conference will focus on three themes: Climate Change, Risk and Vulnerability and Sustainable Development. The planners are soliciting speakers on four areas that are particularly relevant to coastal cities: freshwater, pollution, energy and port security. All sessions are intended to give a long-needed voice to local officials who are on the front lines taking leadership on climate change, providing the implementation and response plans for their city's security, and continuing to focus on protecting their citizens from possible extreme events and human-induced degradation.

For more information on how to give presentations, submit papers and a list of available sponsorship & exhibit opportunities visit [www.coastalcities.org](http://www.coastalcities.org).

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## **WORKSHOP FOR TERRESTRIAL & COASTAL CARBON FLUXES AND EXCHANGES IN THE GULF OF MEXICO**

The Ocean Carbon and Biogeochemistry (OCB) program (<http://www.us-ocb.org/>) is soliciting input toward a workshop to promote Integrated Study of Terrestrial and Coastal Carbon Fluxes and Exchanges in the Gulf of Mexico. The OCB has identified Coastal Carbon Fluxes as one of its research priorities for 2008, and will sponsor a science scoping workshop to be held May 6-8, 2008 in St. Petersburg, FL. The meeting will be co-hosted by the USGS Florida Integrated Science Center St. Petersburg and the College of Marine Science of the University of South Florida. The Deadline to apply is March 24, 2008.

**MOTIVATION:** The goal of this workshop is to bring together researchers to discuss potential integrated research projects relating to carbon fluxes and exchange in the Gulf of Mexico that support the OCB mission. The scope of the workshop will be developed by the workshop steering committee with input from both terrestrial and ocean carbon research communities.

**LOGISTICS AND TIMING:** Drs. Lisa Robbins and Paula Coble are organizing the workshop and logistics and registration will be posted on the website <http://www.whoi.edu/sites/GMxCarbon>. OCB will provide funding for the workshop, including a limited amount of funding for participant travel costs.

**WORKSHOP PRODUCTS:** A formal report on the workshop findings, based on participant input, will be written and posted on the OCB web site shortly after the workshop.

**PRIORITY RESEARCH TOPICS:** The following priority research topics were identified at a recent Ocean Carbon and Biogeochemistry Workshop, held in Woods Hole, MA on 23-26 July 2007:

1. Do continental margins represent a conduit for the large carbon signal that is currently unaccounted for in the terrestrial continental carbon budgets?
2. What are the magnitudes and uncertainties of coastal carbon signals and to what extent will incorporation of more precise and accurate assessments of coastal carbon budgets into larger scale models improve the overall estimates of global carbon fluxes?
3. How important are the intricacies of the shelf processes (lateral transport or cross shelf exchange, denitrification and nitrogen fixation, benthic processes, and ballasting of carbon and other elements by lithogenic materials) in regulating coastal carbon budgets?
4. What are the impacts of climate change and resource management on watershed dynamics and coastal ecological processes, and what are the potential implications for biogeochemical cycles (including carbon)?

In addition to these four questions, we also seek to identify key processes that tie the land carbon cycle to the ocean carbon cycle. We especially encourage the NACP community to join the OCB community in planning and attending this workshop.

To apply, write in one page or less how you think you could contribute to the meeting and send it to Mary Zawoysky at [mzawoysky@whoi.edu](mailto:mzawoysky@whoi.edu) by March 24, 2008. The workshop steering committee will then review all applications and make a decision. The meeting is limited by venue and funding to 70 people and the steering committee is trying to ensure that there is an equal balance of people in each of the focus areas. Everyone that applies will be contacted by March 28, 2007.

For more information contact Paula G. Coble (University of South Florida, [pcoble@marine.usf.edu](mailto:pcoble@marine.usf.edu)) or Lisa Robbins (U.S. Geological Survey, Florida Integrated Science Center, St. Petersburg, [lrobbins@usgs.gov](mailto:lrobbins@usgs.gov)).

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## **DISCCRS IV INTERDISCIPLINARY CLIMATE RESEARCH SYMPOSIUM**

The Dissertations Initiative for the Advancement of Climate Change Research Symposium (DISCCRS, pronounced *discourse*) will be held November 2-9 in Saguaro Lake Ranch, AZ. DISCCRS connects natural and social scientists engaged in research related to climate change, impacts and solutions. The goal is to broaden perspectives and establish a collegial peer network to address climate challenges at the interface of science and society. See report from last symposium, and list of participants at [http://www.disccrs.org/reports/DISCCRS\\_III\\_Symposium\\_Report.pdf](http://www.disccrs.org/reports/DISCCRS_III_Symposium_Report.pdf)

During the week of DISCCRS IV - which will be held in the Tonto National Forest outside Phoenix,

Arizona - participants will provide oral and poster presentations in plenary format, hone interdisciplinary communication and team skills, and discuss emerging research, societal and professional issues with each other and with established researchers invited to serve as mentors.

Participation will be limited to thirty-four early career scholars identified by an interdisciplinary committee of research scientists based on review of submitted applications. Eligibility: Ph.D. requirements completed April 1, 2006 - March 31, 2008. We encourage applicants from the natural and social sciences, economics, mathematics, engineering, or any other field so long as the research focus relates to climate change, its impacts or solutions. *Selection will favor those with interdisciplinary, collaborative interests.* While the emphasis is on the U.S. research system, applicants from all countries will be considered.

For symposium application instructions and to register your Ph.D. dissertation log on to <http://www.discrcs.org>.

Society Sponsors: AAG, AERE, AGU, AMS, ASLO, ESA, ESS-ISA, STEP-APSA, TOS and USSEE. Organizers: C. Susan Weiler and Ronald B. Mitchell

Funding: U.S. National Science Foundation Collaborative Grants EAR-0435728 to Whitman College, C.S. Weiler PI, and EAR-0435719 to University of Oregon, R.B. Mitchell PI. Application Deadline: 30 April 2008. For more information contact: [discrcs@whitman.edu](mailto:discrcs@whitman.edu).

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### **POGO-SCOR VISITING FELLOWSHIPS PROGRAMME**

The Partnership for Observation of the Global Oceans (POGO) and its partner, the Scientific Committee on Oceanic Research (SCOR) announce the Fellowship Program for 2008. This program is designed to promote training and capacity building leading towards a global observation scheme for the oceans. The fellowship program is open to scientists, technicians, graduate students (Ph.D.) and Post Doctoral Fellows involved in oceanographic work at centres in developing countries and countries with economies in transition. The fellowship provides airfare and a stipend for living expenses for up to three months. Deadline for application is April 15, 2008.

For more information log on to <http://www.comlsecretariat.org/Dev2Go.web?id=261649&rnd=22798>.

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### **Job Announcements**

To access the job announcements page, go to <http://www.oceanleadership.org/about/employment>.

**Reminder:** As a service to the ocean community, job announcements from our readers are posted on the Ocean Leadership Web site with the Weekly Newsletter. In an effort to keep our job listing current, announcements will run for **90 days**, unless Ocean Leadership receives notification to continue posting a specific job announcement. Notification can be provided to [gschmidt@oceanleadership.org](mailto:gschmidt@oceanleadership.org).

New jobs this week:

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### **Calendar of Events**

If you have additions, please forward to [gschmidt@oceanleadership.org](mailto:gschmidt@oceanleadership.org). Ocean Leadership's Calendar of Events is located on the Web site at <http://www.oceanleadership.org/event>.

#### **Calendar Year 2008:**

- 27-30 Mar 2008 National Science Teachers Association National Conference, Boston, MA
- 8-11 Apr OCEANS '08 MTS/IEEE Kobe: "Voyage toward the Future"  
(<http://www.oceans08mtsieeeekobe-technoocean08.org/>)
- 13-18 Apr European Geosciences Union (EGU), Vienna, Austria
- 15-16 Apr Ocean Research and Resources Advisory Panel (ORRAP) Meeting, Washington, DC
- 25-27 Apr NOSB Final Competition, Seward Alaska ([www.nosb.org](http://www.nosb.org))

- 18-22 May National Monitoring Conference, Atlantic City, NJ
- 19-23 May Effects of Climate Change on the World's Oceans International Symposium, Gijon, Spain
- 23-25 May CoML International Scientific Steering Committee Meeting, Huangshou, China
- 27-30 May AGU Joint Assembly Meeting, Fort Lauderdale, FL
- 7-11 Jul 11<sup>th</sup> International Coral Reef Symposium, Fort Lauderdale, FL ([www.nova.edu/ncri/11icrs](http://www.nova.edu/ncri/11icrs) )
- 15-18 Sep OCEANS '08 MTS/IEEE Quebec City: "Oceans, Poles, and Climate: Technological Challenges"  
(<http://www.oceans08mtsieeequebec.org/>)
- 22-26 Sep 2008 ICES Annual Science Conference, Halifax, Canada
- 15-19 Dec 2008 Fall AGU meeting, San Francisco, CA (<http://www.agu.org/meetings/>)

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