



DISCOVERY UNDERSTANDING ACTION

Weekly Newsletter

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President's Corner

It is my privilege to welcome you to the first edition of the Consortium for Ocean Leadership's weekly newsletter. We are in the process of reviewing how to best communicate with the oceanographic community and welcome your suggestions. Just a few short weeks ago, I was appointed as the first President for Ocean Leadership by the Board of Trustees and I officially took the helm this week. I'm very excited to have this opportunity to lead this vital organization to help shape the future of oceanography.

I would like to extend my sincere thanks to Dick West and Steve Bohlen for their stewardship of CORE & JOI, leadership in making the merger happen, and providing me with a great foundation. Dick will be retiring at the end of 2007, moving on to new challenges, and has graciously agreed to lend his support and guidance during my first month. I am grateful that Steve will be staying on board helping me with the final stages of the merger, continuing to serve as the lead of our major science programs.

It has been an interesting first week at Ocean Leadership, attending the preliminary design review (PDR) for the Ocean Observatories Initiative at NSF. I was immediately struck by the talent, hard work and dedication of the program office and implementing organizations team. I am confident that this program will dramatically transform the ocean sciences and bring ocean data and research results to laboratories and classrooms across the nation.

I will be at the AGU meeting next week in San Francisco. I look forward to seeing many of you there and hope that you can attend one of the various events being sponsored by Ocean Leadership (highlighted below). In the meantime, I welcome you to visit our new website (www.oceanleadership.org) to learn more about our programs, activities and events.

Congressional News

APPROPRIATIONS OMNIBUS READIED

With Christmas looming and the current continuing resolution (CR) to expire next week, Democratic leaders are hoping to pass an omnibus spending bill that splits the difference between what the President and the Democrats want to spend on domestic programs. In an attempt to garner Republican and Presidential support, the measure will include additional funds for the war without any troop withdrawal language. The omnibus is expected to be finalized and publicly released on Monday.

On Tuesday, the House will take up the roughly \$520 billion package, including about \$30 billion in military funding and \$7 billion in emergency funds. The measure would then be sent to the Senate, where it would be amended to add as much as \$40 billion more for Iraq. The measure would then be sent back to the House for separate votes on the Senate war-funding amendment and the underlying package. It would be sent to Bush's desk as a combined bill around the time the continuing resolution expires on December 14. Many stumbling blocks still exist as House Republicans and the President

have stood firm against any increases in domestic spending and many Democrats have been unwilling to provide additional war funding without any troop withdrawal provisions.

HOUSE SENDS ENERGY BILL TO THE SENATE

Yesterday, the House passed an energy bill (H.R.2927) that would increase vehicle fuel economy standards for the first time in 30 years - requiring cars and light trucks sold in the United States to achieve a fleet average of 35 miles per gallon (up from current 27.5) by 2020. The bill also requires billions of gallons of biofuels to be blended into gasoline and mandates that utilities produce 15 percent of their electricity from renewable sources by 2020. While the bill passed comfortably in the House, it did not garner enough votes to override a veto, which has been threatened by the President. The Senate is expected to consider the measure next week.

SENATE COMMERCE COMMITTEE PASSES LEGISLATION ON OCEAN ACIDIFICATION

This week the Senate Commerce Committee passed the Federal Ocean Acidification Research and Monitoring Act of 2007 (FOARAM) (S. 1581), which would establish an interagency committee and program on ocean acidification. The committee would be comprised of senior representatives from the National Oceanic and Atmospheric Administration (NOAA), the National Science Foundation (NSF), the National Aeronautics and Space Administration, the U.S. Geological Survey, the U.S. Fish and Wildlife Service, the Environmental Protection Agency, the Department of Energy, and any other agencies deemed appropriate. The committee would develop a strategic research and implementation plan for federal activities, within one year of the bill's enactment, and submit a report on the plan to Congress. The plan would provide for interdisciplinary research to examine the effects of acidification on marine ecosystems. It would also establish 10-year goals, priorities and guidelines for coordinated activities on acidification research and forecasting. The bill would also establish an acidification program within NOAA to implement activities recommended by the committee. It would establish outreach activities, education opportunities, and a monitoring system of acidic levels in the ocean. It would also provide grants for research projects that explore the effects of ocean acidification.

The Committee approved an amendment by Senator Lautenberg (D-NJ) that reduced authorization levels in the bill to \$10 million for fiscal 2009, \$15 million for fiscal 2010, \$20 million for fiscal 2011, \$25 million for fiscal 2012, and \$30 million for fiscal 2013. The underlying bill would have authorized \$30 million for each of fiscal 2008 through fiscal 2012, and as much as necessary for fiscal years after fiscal 2012.

SENATE COMMERCE COMMITTEE TAKES STEPS TO IMPROVE CLIMATE CHANGE RESEARCH

This week the Senate Commerce Committee passed S. 2307, Global Change Research Improvement Act of 2007. S. 2307, amends the Global Change Research Act of 1990 (PL 101-606) directing the National Global Change Research Committee to create a 10-year strategic plan for the National Global Change Research Program.

The bill would establish a "Global Change Research Coordination Office" for the program. The office would manage global change research activities and review funding for partnership projects. It would also review and provide recommendations on annual appropriations requests from agencies participating in the program.

It would require the committee to develop a list of priority areas for research and development on climate change that are not adequately addressed by federal agencies. It would authorize \$30 million in fiscal 2008 for research in those areas through the Science and Technology Policy Institute at NSF. It would require the director of NSF and the administrator of NOAA to enter into an arrangement with the National Academy of Sciences to complete a study of the current status of ice sheet melt and movement, as caused by climate change, with implications for global sea level rise.

It would also require a study on the state of the potential impacts of climate change on patterns of tropical cyclone development. The bill would require the administrator of NOAA to implement a program to address aging work force issues in climate science and global change. It would authorize \$4 million for each of fiscal 2008 through 2012 for the Office of Science and Technology Policy.

The bill would amend the National Climate Program Act (PL 95-367) to establish a National Climate Service, which would be required within a year of the bill's enactment. The service would include a national center and a network of regional and local facilities for operational climate monitoring and prediction. The bill would require a National Climate Service Advisory Council be established. The secretary of Commerce would be required to submit an annual report to the president and authorizing committees of Congress on the achievements of the National Climate Service during the previous year. The bill would amend the National Science and Technology Policy, Organization, and Priorities Act of 1976 (PL 94-282) to create a Science and Technology Assessment Service within the legislative branch.

It would require the Secretary of Commerce to initiate a program to develop standards and measurement technologies to calculate greenhouse gas emissions from agriculture, transportation, and facilities using remote sensing technology. It would require a program to perform and support research on global climate change standards and processes. It would authorize \$15 million for each of fiscal 2008 to fiscal 2010. It would also require the Secretary of Commerce to create a program of specific research on abrupt climate change. It would authorize up to \$10 million for fiscal 2009 to fiscal 2014 for the program.

The Committee adopted an amendment by Senator Lautenberg that requires the secretary of Commerce to execute an agreement with the National Research Council to examine research and the effectiveness of ocean iron fertilization. The amendment would require the National Academy of Public Administration, within two years of the bill's enactment, to conduct an independent review of the Global Change Research Act of 1990 and the National Climate Service and to report the results of the review to the Senate Committee on Commerce, Science, and Transportation and the House Committee on Science and Technology. It also would require an independent review of the process undertaken by the Global Change Research Program in developing its strategic plan and report the results to the congressional committees. It would authorize \$1 million for each of fiscal 2009 to fiscal 2013 for the reviews. The amendment altered authorization levels in the bill for the National Climate Service to \$300 million in fiscal 2009, \$350 million in fiscal 2010, \$400 million in fiscal 2011, \$450 million in fiscal 2012 and \$500 million in fiscal 2013.

MAGNUSON-STEVENSONS ACT UNDER ATTACK

Last year the Magnuson-Stevens Fishery Conservation Act won unanimous support in the House and Senate, but now a group of lawmakers want relief for fishermen from some of the law's strict deadlines on ending overfishing and rebuilding depleted fish stocks. The Magnuson-Stevens Act was amended to require a 10-year rebuilding deadline for most stocks and an end to overfishing. It also requires fishery councils to set quotas based on recommendations from scientific advisors. Now a small group of Democrats and Republicans from the mid-Atlantic and Northeast have introduced a bill (H.R. 4087) to add more flexibility to the Magnuson-Stevens Fishery Conservation Act's rebuilding requirements. This comes in reaction to cuts fisheries managers have already made to catch limits to rebuild summer flounder stocks, New England groundfish and red snapper.

The measure has little chance for passage as many lawmakers are reluctant revisit the Act. In a hearing in the House Natural Resource Committee, scientists and environmentalists voiced opposition to extending the rebuilding deadlines. Some fishery scientists say that the only way to recover a fishery and provide long-term economic benefits is to take whatever cuts are necessary, even if they are drastic cuts, for the stock to rebuild in the shortest time possible.

Andrew Rosenberg, a fisheries scientist at the University of New Hampshire who testified at the hearing, said that rapid cuts to fishing quotas of overfished stocks have allowed them to recover quickly, such as

the haddock fishery, which recovered after five years of reduced quotas. He said attempts to slowly rebuild stocks like summer flounder do not give them enough room to rebound. "You dig a deeper hole, so that later the cuts are much deeper," Rosenberg said. "It sounds good, but it doesn't work that way."

Lee Crockett, who heads the Pew Charitable Trusts' campaign to reform federal fisheries management, suggested enlisting fishermen in rebuilding efforts by paying them to collect samples or tag fish for research on the stocks.

SENATE TAKES ADDITIONAL STEPS TO ADDRESS THE EFFECTS OF CLIMATE CHANGE ON OCEAN COMMUNITIES

This week the Senate Commerce Committee also passed S. 2355, Climate Change Adaptation Act of 2007, which would require the president to prepare a strategy for addressing the impacts of climate change in the United States. The bill would direct the Secretary of Commerce to conduct regional assessments on the vulnerability of ocean and coastal resources, and would authorize for the assessments.

The bill would also require a coastal and ocean adaptation plan that would include a national coastal and ocean adaptation plan made up of individual regional adaptation plans with ways to address coastal and ocean impacts associated with climate change, ocean acidification and sea level rise. The plan would include, among others, recommendations regarding areas identified as high risk, mitigation incentives and coastal hazards protocols to reduce risk of damage to lives and properties.

Ocean Leadership News

OCEAN LEADERSHIP EVENTS AT AGU CONFERENCE

The Consortium for Ocean Leadership will make its first major public showing at this year's Fall American Geophysical Union (AGU) Conference in San Francisco. The conference, which runs from December 10 – 15, is expected to draw more than 15,000 geophysicists from around the world as well as members of the media and the general public.

Ocean Leadership will present itself through a variety of mechanisms. A forty foot display panel in the AGU exhibit hall will highlight the many programmatic, research, education and advocacy aspects of Ocean Leadership. Additionally, Ocean Leadership will host a reception at the Hilton San Francisco on Wednesday, December 12 from 5:30-7:30 pm in the Imperial Ballroom A. This gathering will give members of the scientific community and the public at large an opportunity to meet and visit with Dr. Robert Gagosian, Ocean Leadership's first President.

The Integrated Ocean Drilling Program (IODP) will host a town hall meeting Tuesday, December 11 from 5:30 – 8:00 pm at the Renaissance Parc 55 and the Ocean Observatories Initiative will host a town hall on Thursday, December 13 from 7:30 – 8:30 pm in Room 3007 at Moscone West. The town hall meetings serve as an opportunity for colleagues to visit and for AGU participants to learn more about the goals and successes of these programs.

Ocean Leadership would also like to extend its congratulations to Dr. Marcia McNutt (President of Monterey Bay Aquarium Research Institute), who will be presented with the prestigious Ewing Medal on December 12.

For more information on AGU and the Fall 2007 meeting, visit <http://www.agu.org/meetings/fm07/>.

OCEAN LEADERSHIP DIVERSITY

Ocean Leadership has awarded its JOI Alliance Fellowship for students from Historically Black Colleges and Universities (HBCU's) to Daria Godfrey from Huston-Tillotson University in Austin, Texas. As a fellow, Ms. Godfrey - who is currently a junior elementary education major - works with Dr. Katherine Ellins to help organize and run the Earth Science Revolution Workshops.

These workshops are part of an NSF-funded project to provide high quality geoscience professional development opportunities for 8th through 12th grade minority-serving science teachers in Texas. As components of her work, Ms. Godfrey customizes learning activities for the new Texas high school capstone Earth and Space Science course, assists staff in planning and delivery of the workshops, and supports workshop participants during and after the workshop. She will also be attending the American Geophysical Union Annual Fall Meeting next week in San Francisco. The fellowship began in August 2007 and runs through May, 2008.

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.

MAXIMIZING FISHERY PROFITS COULD BE NEW STRATEGY FOR CONSERVATION

Managing fisheries to maximize profits got a bad name in the 1970s after an economist concluded that overexploitation, even to the point of causing a stock to go extinct, is a definite possibility when fishers are pitted against each other and are attempting to maximize profits. The seminal 1973 article in Science was not a study of how fishers actually behave but was a mathematical exercise weighing the profit advantages and disadvantages of overexploitation.

A new way of looking at maximizing fishery profits, published this week in Science, comes to a different conclusion -- one that could lead fishers to buy into the idea of catching fewer fish than they are allowed under commonly used management guidelines.

That's because when fish are abundant enough, the cost to catch each one -- in terms of such things as fuel, vessel time and labor -- goes down, according to Ray Hilborn, University of Washington professor of aquatic and fishery sciences and a co-author on the paper.

In the four fisheries examined for the paper the researchers found that once the fish reached their target abundance it took 20 to 30 percent less "fishing effort" to harvest the same -- or slightly less -- catch than previously.

To read the complete article log on to <http://uwnews.washington.edu/ni/article.asp?articleID=38463>.

SCHOOL OF ROCK

Poring over cores, making smear slides, taking field trips and seeing Ice Age 2: The Meltdown, were all part of Ocean Leadership's Learning 2007 School of Rock professional development program. The land-based version of the 2005 sea-going workshop, this year's program was held at the Gulf Coast Repository in College Station, where 17 educators from across the country gathered to learn about ocean drilling science and translate their new knowledge into classroom activities for students. Being at the repository had its advantages - curator John Firth, who taught part of the program - could pull any cores educators wanted to explore. Participants also had the chance to learn from Mark Leckie (University of Massachusetts at Amherst), Kristen St. John (James Madison University), Debbie Thomas (Texas A&M), Gilles Guerin (LDEO), and a number of staff based in College Station. They also had the opportunity to hear lectures by USIO director Jeff Fox on the scientific legacy of ocean drilling and by TAMU professor Andrew Dessler on climate change. See <http://www.joilearning.org/schoolofrock2007/>.

2008 HOLLINGS SCHOLARSHIP PROGRAM

The National Oceanic and Atmospheric Administration is pleased to announce the availability of a two-year undergraduate scholarship opportunity, the 2008 Ernest F. Hollings Undergraduate Scholarship Program. Sophomore students majoring in disciplines related to oceanic and atmospheric science, research, technology, or education, and supportive of the purposes of NOAA's programs and mission, e.g., biological, social and physical sciences; mathematics; engineering; computer and information sciences; and teacher education are encouraged to apply.

Applications must be received by February 8, 2008.

For more information about this scholarship opportunity, please log on to www.oesd.noaa.gov or contact Chantell Haskins, the Hollings Scholarship Program Manager at (301) 713-9437 ext 125.

WELCOME NEW VOLUNTEERS

Ocean Leadership would like to welcome the new members of the ocean drilling advisory panels and committees. Beginning terms within the IODP Science Advisory Structure are Brandon Dugan (Rice University), David Feary (National Research Council), Kathleen Marsaglia (California State University, Northridge), Larry Peterson (University of Miami), Yair Rosenthal (Rutgers, The State University of New Jersey), Mitch Schulte (University of Missouri-Columbia), Ben van der Pluijm (University of Michigan), and Peter Vrolijk (ExxonMobil). Kathy Ellins (University of Texas at Austin), Tim McHargue (ChevronTexaco), and Lori Summa (ExxonMobil) will be joining the U.S. Advisory Committee for Scientific Ocean Drilling. The ocean science community thanks you for your time and commitment to the program. For more information please visit <http://oceanleadership.org/usssp>.

FUNDING AVAILABLE FOR ENVIRONMENTAL RESEARCH AND DEVELOPMENT

The Department of Defense (DoD), through the Strategic Environmental Research and Development Program (SERDP), is seeking to fund environmental research and development efforts to identify, develop, and transition the underlying science and environmental technologies that support the long-term sustainability of DoD's training and testing ranges as well as significantly reduce current and future environmental liabilities. Proposals responding to focused Statements of Need (SON) in the following areas are requested:

- **Environmental Restoration** — innovative technologies for the detection, characterization, containment, and remediation of a wide range of contaminants in soil, sediments, and water.
- **Munitions Management** — advanced geophysical sensor and signal processing technologies for the detection, discrimination, and remediation of unexploded ordnance (UXO) and technologies for range clearance and reduced generation of UXO.
- **Sustainable Infrastructure** — natural resources (e.g., ecosystem-based management; threatened, endangered, and at-risk species; land management and watershed protection; and maritime sustainability), facilities (e.g., installation/regional sustainability, energy, noise, air and water quality, and facility waste), and cultural resources.
- **Weapons Systems and Platforms** — advanced alternative environmentally benign technologies and materials that reduce, control, or eliminate the waste and emissions associated with the manufacturing, maintenance, and use of DoD weapons systems and platforms.

Proposals responding to the FY2009 SONs will be selected through a competitive process. The Core Solicitation provides funding in varying amounts for multi-year projects. For the Core solicitation, pre-proposals from the non-federal sector are due by Tuesday, January 8, 2008. Proposals from the federal sector are due by Thursday, March 6, 2008. The SONs and detailed instructions for federal and private sector proposers are available on the SERDP web site: www.serdp.org/funding.

SERDP also will be funding environmental research and development through the SERDP Exploratory Development (SEED) program. The SEED program is designed to provide initial funding for high-risk, high-payoff projects. For FY2009, proposals are being requested that respond to one SEED SON in Munitions Management.

All SEED proposals are due by Thursday, March 6, 2008. The SEED SON and detailed instructions for both federal and non-federal proposers are available on the SERDP web site at www.serdp.org/funding.

NEW THIS YEAR! Through the U.S. Environmental Protection Agency Technology Innovation Program, SERDP Executive Director Mr. Bradley Smith will conduct an online seminar *SERDP Funding Opportunities* on December 14, 2007, 1:00-2:30 PM EST. This “how to play” briefing will offer essential information for those who are interested in new funding opportunities within SERDP. During the online seminar, participants may ask general questions about the funding process, submitting proposals, and the current FY2009 SERDP solicitation. To learn more about this online seminar or to register, visit <http://www.clu-in.org/conf/tio/serdpfunding/>.

NOPP CALL FOR PROPOSALS: DUE DECEMBER 11, 2007

The National Oceanographic Partnership Program (NOPP) and the President's Interagency Committee on Ocean Science and Resource Management Integration (ICOSRMI) are currently seeking proposals under the following topics:

- Forecasting the Response of Coastal Ecosystems to Persistent Forcing and Extreme Events
- Sensors for Measurement of Biological, Bio-Optical or Chemical Properties of the Ocean
- Atlantic Meridional Overturning Circulation (AMOC)

For more information, refer to the full Broad Agency Announcement: <http://www.onr.navy.mil/02/BAA> - under BAA #07-040. Up to \$24.75 M over three years may be available for this solicitation, subject to appropriation and final approval by the Interagency Working Group on Ocean Partnerships (IWG-OP) of the ICOSRMI.

NOPP is a collaboration of fifteen federal agencies to provide leadership and coordination of national ocean research and education initiatives. The ICOSRMI provides oversight to the nation's ocean activities, including those involving ocean resource management. For more information visit, www.nopp.org and <http://ocean.ceq.gov/about/icosrmi.html>.

DISCO XXI SYMPOSIUM – Application deadline April 18, 2008

The twenty-first research symposium of a continuing series for new PhD's in chemical oceanography will be held October 5–October 10, 2008 at the East-West Center, Honolulu, Hawaii. The DISCO symposia afford new and upcoming doctorate recipients in chemical oceanography a unique opportunity to present and discuss their dissertation research in an open forum with their professional peers. Travel, hotel accommodations, and meals for 25 invited participants will be paid by the sponsoring agencies (NSF, NOAA). Participation in DISCO is by invitation only. For more information about eligibility and application material, please go to <http://www.discosymposium.org>. If more information is needed, contact Simone Metz at smetz@nsf.gov or Syreeta Tate at disco@aibs.org.

PODS V SYMPOSIUM – Application deadline April 18, 2008

The fifth research symposium of a continuing series for new PhDs in physical oceanography will be held October 5–October 10, 2008 at the East-West Center, Honolulu, Hawaii. The PODS symposia are designed to bring together new PhDs and doctoral candidates soon to receive their degrees in physical oceanography or a related field of environmental fluid dynamics for the purpose of scientific discussion and the forging of future professional relationships. Travel, hotel accommodations, and meals for 25 invited participants will be paid by the sponsoring agencies (NSF, NOAA, NASA, and ONR). Participation in PODS is by invitation only. For more information about eligibility and application material, please go to <http://www.pods-symposium.org>. If more information is needed, please contact Eric Itsweire at eitsweir@nsf.gov or Syreeta Tate at pods@aibs.org.

MASTER OF ADVANCED STUDIES IN MARINE BIODIVERSITY AND CONSERVATION – APPLICATION DEADLINE 4 FEBRUARY 2008

The Center for Marine Biodiversity and Conservation (CMBC) at Scripps Institution of Oceanography announces an application deadline of 4 Feb 2008 for the Master of Advanced Studies in Marine Biodiversity and Conservation. The multidisciplinary program will begin 30 June 2008, and includes courses in natural, social, and information sciences; marine policy, economics, and law; and training in important cultural and communications skills. The well-rounded curriculum is designed for early to mid-career professionals to prepare them to effectively work with diverse stakeholders, complex solutions, and the interdisciplinary science often involved in biodiversity and conservation efforts. Students complete the degree in one calendar year. Courses and fieldwork are led by professors from Scripps's CMBC, the UCSD departments of economics, political science, and history, and the Graduate School of International Relations and Pacific Studies. Students are formally admitted through UCSD's Office of Graduate Studies. The World Wildlife Fund, National Oceanic and Atmospheric Administration's Southwest Fisheries Science Center, and other government and non-government agencies enhance the program by providing special lectures and discussions. No more than 14 master's students are admitted to the program each year. It is possible to enroll in the 15 unit summer course only. More information, including an online application, is available on the web at www.mbc.ucsd.edu (Jane Weinzierl, 858-822-2886, jweinzierl@ucsd.edu).

Fellowships

CALL FOR APPLICATIONS OPEN: AAAS SCIENCE & TECHNOLOGY POLICY FELLOWSHIPS

The [online application system](#) for the 2008-2009 fellowship year is now open. The Fellowships help to establish and nurture critical links between federal decision-makers and scientific professionals to support public policy that benefits the wellbeing of the nation and the planet. The Fellowships are designed to educate scientists and engineers on the intricacies of federal policymaking; provide scientific expertise and analysis to support decision-makers confronting increasingly complex scientific and technical issues; foster positive exchange between scientists and policymakers; empower scientists and engineers to conduct policy-relevant research that addresses challenges facing society; and increase the involvement and visibility of scientists and engineers in the public policy realm. The Fellowships support the AAAS objectives to improve public policymaking through the infusion of science, and to increase public understanding of science and technology and are part of [AAAS Science & Policy Programs](#). **The deadline is 20 December.**

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.

New announcement this week:

- Assistant Professor in Fisheries Oceanography - Rutgers, The State University of New Jersey
- Assistant/Associate Professor of Seafood Science – LSU Agricultural Center, Department of Food Science.

Calendar of Events

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

Calendar Year 2007:

10-14 Dec 2007 Fall AGU meeting, San Francisco, CA (<http://www.agu.org/meetings/>)

Calendar Year 2008:

- 9-11 Jan IODP Engineering Development Panel Meeting, Nice, France
- 13 Jan U.S. Advisory Committee for Scientific Ocean Drilling Biannual Meeting
- 14-16 Jan IODP Science Advisory Structure Executive Committee Meeting, Santa Cruz, CA
- 16-18 Jan NCSE 8th National Conference on Science, Policy, and the Environment, Washington, DC
- 23-25 Jan IODP Site Survey Panel Meeting, Tokyo, Japan
- 9 Feb NOSB Regional Competitions (www.nosb.org)
- 14-18 Feb American Association for the Advancement of Science Annual Meeting, Boston, MA
- 23 Feb NOSB Regional Competitions (www.nosb.org)
- 27-28 Feb Ocean Leadership Public Policy Forum, Washington, DC
- 2-7 Mar 2008 Ocean Sciences meeting, Orlando, FL (<http://www.agu.org/meetings/>)
- 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
- 25-27 Apr NOSB Final Competition, Seward Alaska (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
- 7-11 Jul 11th International Coral Reef Symposium, Fort Lauderdale, FL (www.nova.edu/ncri/11icrs)
- 15-18 Sep OCEANS '08 MTS/IEEE Quebec City: "Oceans, Poles, and Climate: Technological Challenges"
(<http://www.oceans08mtsieeequebec.org/>)
- 15-19 Dec 2008 Fall AGU meeting, San Francisco, CA (<http://www.agu.org/meetings/>)

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