



DISCOVERY • UNDERSTANDING • ACTION

## Weekly Newsletter

Week of February 23, 2009 • Number 47

1201 New York Avenue, NW • Fourth Floor • Washington, DC 20005

P: (202) 232-3900 • F: (202) 462-8754 • [www.OceanLeadership.org](http://www.OceanLeadership.org)

Please add [OceanNews@lists.oceanleadership.org](mailto:OceanNews@lists.oceanleadership.org) to your personal address book to ensure delivery.

To subscribe, unsubscribe, or change the preferences on your subscriptions to Ocean Leadership emails, please use the following link: <http://lists.oceanleadership.org/mailman/listinfo>.

## President's Corner

## Congressional Calendar

## Congressional News

- Gary Locke Selected to be the Next Commerce Secretary
- President Obama Unveils FY10 Budget Blueprint
- House Passes FY09 Omnibus
- Hearing Emphasizes the Need for Climate Legislation
- Congress Looks to Wrap Up Remaining Appropriations Measures
- 111<sup>th</sup> Committee Membership Lists Online
- House Subcommittee Discusses Two Pieces of Legislation

## Ocean Leadership News

- Ocean Leadership to Host Annual Public Policy Forum and Reception on March 5th
- Ocean Observing Workshop in Oregon – March 12-13
- *JOIDES Resolution* Update
- Submit and IODP-Related Workshop Proposal
- IWGOO Sponsoring “Small Sea Changes: Big Business Impacts” Workshop
- HBCU Educator at Sea Aboard the Renovated *JOIDES Resolution*
- NOSB Regional Champions Move on to the NOSB Finals in Washington, DC
- National Oceanographic Partnership Program Seeks Research Proposals
- Chart Workshop – One Week Remains
- Ocean Leadership Education Coordinator Dives in *DSV Alvin*
- INVEST: U.S. Participant Support Available

## Ocean Community News

- Moratorium Lifts on IODP NanTroSEIZE Stage 1 Samples and Data
- Attend the Blue Vision Summit in Washington, DC
- Atlantic Meridional Overturning Circulation Observations Open Meeting
- Summer Internships Available in Scientific Drilling
- Submit a Video to the Smithsonian Ocean Hall
- BLUE Ocean Film Festival Call for Entries
- Funding Available for Environmental Research and Development

## Job Announcements

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

New opportunity this week:

- Fellowship Programme - Partnership for Observation of the Global Oceans (POGO)

## Calendar of Events

*See full newsletter below*

## President's Corner

I didn't think there could be a more active week in Washington than last week. Then there was this week. After half a year of inaction on the appropriations front, the federal spending gates have opened up wide. The federal agencies are currently working on their spending plans for the \$878 billion stimulus bill that was signed into law, including \$3 billion for NSF and \$830 million for NOAA. This week the House passed a FY09 omnibus spending bill which includes a 7% increase for NSF (details below). Yesterday, President Obama released an outline for his FY10 budget (details below), which provides approximately an 8% increase over the expected final NSF FY09 number (pending Senate passage next week). So, given that we are already almost six months into the fiscal year; the agencies will be challenged to allocate their resources by the end of the fiscal year. On the other hand, it is a nice challenge considering the continuing resolution alternative.

Also, this week President Obama made his third (and hopefully final) selection for Commerce Secretary, tapping former Washington Governor Gary Locke. Given that NOAA constitutes 60% of the Commerce Department budget, it is very promising to have someone like Governor Locke nominated as Secretary. He is very familiar with NOAA and has been supportive of ocean issues in general.

Next week is our Annual Public Policy Forum on Capitol Hill. This year the forum will be held in the new Capitol Visitors Center, which is attached to the U.S. Capitol Building. The forum will be followed by a reception in the new Center. For more information and to RSVP (by Tuesday, March 3<sup>rd</sup>) please contact Heather Havens at [hhavens@oceanleadership.org](mailto:hhavens@oceanleadership.org).

As I have mentioned to you in the last several Newsletters, a lot is happening in this town, the stakes and dollars are very large, and it is all happening fast. It is indeed a new world with changes occurring that no one could have predicted. You will want to be up to date on these activities, so I strongly suggest you attend the Public Policy Forum. I look forward to seeing you next week and discussing many of the changes with you.

Bob

---

## Congressional Calendar

Tuesday, March 3 10 AM 1324 Longworth Bldg.	Insular Affairs, Oceans and Wildlife Subcommittee (Chairman Bordallo, D-Guam) of House Natural Resources Committee will hold a hearing titled "Managing Our Ocean and Wildlife Resources in a Dynamic Environment: Priorities for the New Administration and the 111th Congress."
Tuesday, March 3 10 AM H-309 Capitol Bldg.	Commerce, Justice, Science, and Related Agencies Subcommittee (Chairman Mollohan, D-W.Va.) of House Appropriations Committee will hold an overview hearing on science funding.
Tuesday, March 3 2 PM H-309 Capitol Bldg.	Commerce, Justice, Science, and Related Agencies Subcommittee (Chairman Mollohan, D-W.Va.) of House Appropriations Committee will hold a hearing on the place of NASA science in the overall science enterprise.
Wednesday, March 4 10 AM H-309 Capitol Bldg.	Commerce, Justice, Science, and Related Agencies Subcommittee (Chairman Mollohan, D-W.Va.) of House Appropriations Committee will hold a hearing on the place of science at the National Oceanic and Atmospheric Administration in the overall science enterprise. Dr. Susan Avery, Director of WHOI, is scheduled to be a witness.
Thursday, March 5 9:30 AM 366 Dirksen Bldg.	Senate Energy and Natural Resources Committee (Chairman Bingaman, D-NM) will hold a hearing on future directions of energy research and development, focusing on key scientific and technological hurdles that must be overcome to pursue those new directions.

Thursday, March 5 10 AM 2359 Rayburn Bldg.	Commerce, Justice, Science, and Related Agencies Subcommittee (Chairman Mollohan, D-W.Va.) of House Appropriations Committee will hold a hearing on science education. Bill Nye "The Science Guy" is scheduled to be a witness.
Thursday, March 5 2 PM H-309 Capitol Bldg.	Commerce, Justice, Science, and Related Agencies Subcommittee (Chairman Mollohan, D-W.Va.) of House Appropriations Committee will hold a hearing titled "Where Are We Today: Today's Assessment of 'The Gathering Storm.'"

---

## Congressional News

### **GARY LOCKE SELECTED TO BE NEXT COMMERCE SECRETARY**

President Barack Obama nominated former Washington Governor Gary Locke to be the next Secretary of the Department of Commerce earlier this week. The Consortium for Ocean Leadership applauds the selection of Gary Locke and looks forward to working closely with him while he guides the National Oceanic and Atmospheric Administration (NOAA), which comprises more than half of the Department's budget.

In June of 2004 then Governor Locke had the opportunity to comment on the Preliminary Report of the U.S. Commission on Ocean Policy. He proposed 5 strategies that he considered key to the successful implementation of the Commission's recommendations: governance structure, sound science, sustainable fisheries, protection of marine ecosystems and education. He recommended the establishment of a National Ocean Policy Act that would include provisions to clarify and strengthen the mission of NOAA. He was opposed the Commission's recommendation to set a national standard for fishery management and instead favored the review process in place at NOAA which measures the sustainability of fisheries at regional levels through interstate management plans. He supported to the recommendations relating to Marine Protected Areas (MPAs) and would retain the authority for MPAs within NOAA.

Locke is a proven leader that will help NOAA meet its many obligations including providing daily weather forecasts and storm warnings, climate monitoring, fisheries management, coastal restoration and supporting marine commerce. This is particularly important now, as NOAA is responsible for accessing and disseminating critical environmental information about our oceans and atmosphere, which is essential for our transition to a green economy.

Locke was elected the 21<sup>st</sup> governor of Washington State in 1996, making him the first Chinese American governor in U.S. history and the first Asian American governor on the United States' mainland. In 2000, Locke was re-elected to a second term. During his years as governor, Locke personally negotiated and signed a Washington State-Canada salmon treaty protecting wild salmon runs. Locke also created and launched the West Coast Governors' Initiative on Climate Change and successfully started public and private initiatives to reduce dependence on fossil fuels and increase energy conservation.

As Secretary of the Department of Commerce, Locke will ensure American workers can prosper, businesses can thrive, and the economy can grow.

Since leaving his position of governor, Locke has been a successful business advocate and adviser, helping U.S. companies break into international markets, particularly in Asia, and expand their international business.

---

### **PRESIDENT OBAMA UNVEILS FY10 BUDGET BLUEPRINT**

Yesterday, the President unveiled a \$3.6 trillion budget blueprint for FY10. The budget includes increases for NSF, NASA climate research, NOAA satellite acquisition and a new Great Lakes restoration initiative by the EPA. The budget also includes revenue from a national cap-and-trade system for greenhouse gas emissions, which would come from auctioning off emissions permits to industries. The climate program would generate nearly \$650 billion between 2012 and 2019, according to Obama's proposal. From that amount, the government would spend \$15 billion per year on "clean" energy

technologies. A more detailed budget will be released in April. Below are highlights of the budget outline released yesterday:

#### NSF

- Provides \$7 billion for NSF – a 16 percent increase (or \$950 million) above the FY08 level. Note, that the baseline here is FY08 not FY09. The FY09 omnibus that passed the House this week has \$6.49 billion for NSF. So, NSF will receive a 7% increase in the omnibus for FY09 over the FY08 level and the President is proposing to increase NSF's budget by 8% in FY10 above the pending FY09 number. It should be noted that NSF is in the process of receiving an additional \$3 billion in stimulus funds to be spent over the next 18 months.
- The Budget increases support for graduate research fellowships and for early-career researchers and encourages more novel high-risk, high-reward research proposals
- Increases support for critical research priorities in global climate change

#### NOAA

- The Budget projects a \$13.8 billion budget for the Department of Commerce in FY10 – well above the FY08 level of \$7.9 billion and \$9.3 billion in FY09.
- However, the Budget outline did not include specific numbers for NOAA
- The Budget helps ensure continuity of NOAA satellite coverage needed for weather forecasting and climate data records by providing over \$1.3 billion to fund the development and acquisition of vital weather satellites and climate sensors. Funding is also provided to advance climate and ocean research, including efforts to understand and monitor ocean acidification.

#### NASA

- Provides \$18.7 billion for NASA – above the pending \$17.8 billion FY09 allocation.
- Funds a program of space-based research that supports the Administration's commitment to deploy a global climate change research and monitoring system.
- Using the NRC recommended priorities for space-based Earth science research as its guide, NASA will develop new space-based research sensors and will work to deploy these new sensors expeditiously while coordinating with other Federal agencies to ensure continuity of measurements that have long-term research and applications benefits.

#### Department of Interior

- Invests over \$50 million to promote new renewable energy projects on Federal lands and waters – to conduct the environmental evaluations and technical studies needed to spur development of renewable energy projects, assess available alternative resources, and mitigate the impacts of development.
- Climate Change - Budget includes increases of more than \$130 million, of which \$40 million is shared with the States for wildlife adaptation.

#### Department of Energy

- Provides significant increases in funding for basic research and world-leading scientific user facilities to support transformational discoveries and accelerate solutions to our Nation's most pressing problems – including the development of clean energy
- The Budget increases funding for improving our understanding of climate science and continues the US commitment to international science and energy experiments

#### Environmental Protection Agency

- The Budget provides \$10.5 billion for the EPA – a 34% increase over the 2009 likely enacted level.
- Provides \$475 million for a new EPA-led, interagency Great Lakes restoration initiative, which will target the most significant problems in the region, including invasive aquatic species, non-point source pollution, and contaminated sediment.

---

### **HOUSE PASSES FY09 OMNIBUS**

This week the House of Representatives passed a FY09 omnibus spending measure that would complete the budget cycle approximately half way into the fiscal year. The Senate is expected to consider the measure next week prior to the expiration of the continuing resolution (CR) which is funding the government through March 6<sup>th</sup>. Congressional Republicans are opposing the measure and are calling for a year-long CR which would fund the government at FY08 levels through the end of the fiscal year (September 30).

<b>National Science Foundation</b>	<b>FY 2007</b>	<b>FY08 Request</b>	<b>FY08 Final</b>	<b>FY09 Request</b>	<b>FY09 House</b>	<b>FY09 Senate</b>	<b>FY09 Final</b>	<b>% change</b>
<b>Total NSF</b>	<b>5884.4</b>	<b>6429.0</b>	<b>6065.0</b>	<b>6854.1</b>	<b>6854.1</b>	<b>6854.1</b>	<b>6490.0</b>	<b>6.5%</b>
<b>Research and Related Activities</b>	4758.4	5131.7	4821.5	5594.0	5544.1	5594.0	5183.1	7.0%
Polar Programs	370.0	464.9	375.0	423.0				
Geosciences Directorate	745.9	792.0	752.7	848.7				
Ocean Sciences	308.8	329.3	310.5	353.5				
Atmospheric Sciences	227.4	240.8	229.3	260.6				
Earth Sciences	152.8	163.3	156.1	177.7				
<b>Major Research Equipment</b>	166.2	244.7	220.7	147.5	147.5	152.0	152.0	-45.2%
Scientific Ocean Drilling Vessel	42.8		0.0	0.0				
AdvLIGO			32.8	51.4			51.4	36.2%
Atacama Large Millimeter Array	64.3	102.1	102.1	82.3			82.3	-24.1%
Earthscope	25.9		0.0	0.0				
Ice Cube Neutrino Obs.	24.4	22.4	25.9	11.3			11.3	-129.2%
RSVP							7.0	100.0%
Advanced Solar Telescope								
Neon		8.0	3.0	0.0				
OOI		31.0	5.9	0.0				
ARRV	2.6	42.0	42.0	0.0				
<b>Education and Human Resources</b>	695.7	750.6	725.6	790.4	840.3	790.4	845.3	14.2%

### NSF Report Language

- Public Awareness – NSF is encouraged to maximize communication and open exchange of data and results that flow from research
- Icebreaking – NSF shall retain funding for the science-only related costs of icebreaking services.
- Education – The bill sets aside \$55 million for the Robert Noyce Scholarship program – which recruits and supports talented mathematic and science undergraduate students and postgraduate professionals to become K-12 math and science teachers with scholarships, stipends and other support.
- Climate Change Education Program – NSF shall consult with the National Academies in the development of a plan for the distribution of funds provided herein for the climate change education program.

<b>National Oceanic and Atmospheric Administration</b>	<b>FY 2007</b>	<b>FY08 Request</b>	<b>FY08 Final</b>	<b>FY09 Request</b>	<b>FY09 House</b>	<b>FY09 Senate</b>	<b>FY09 Final</b>	<b>% change</b>
<b>Total NOAA</b>	<b>3895.1</b>	<b>3809.6</b>	<b>3896.5</b>	<b>4103.9</b>	<b>4288.0</b>	<b>4445.9</b>	<b>4,365.20</b>	<b>12.0%</b>
<b>Office of Oceanic &amp; Atmospheric Research</b>	<b>363.5</b>	<b>358.4</b>	<b>387.9</b>	<b>372.3</b>	<b>396.3</b>	<b>403.4</b>	<b>396.7</b>	<b>2.3%</b>
Ocean & Coastal Research	116.0	105.4	130.4	106.2	112.3	122.2	109.3	-16.2%
Sea Grant College Program	55.5	54.9	57.1	55	60	57.1	55	-3.7%
National Undersea Research	-	-	10.0			9.2	8.9	-11.0%
Ocean Exploration	27.2	27.8	19.5	27.8	27.8	18.6	18.6	-4.6%
Coastal, Ocean Labs	22.6	20.2	23.0	20.8	21.9	24.8	24.2	5.2%
Climate & Atmos. Labs	41.0	44.2	46.0	49.1	49.1	53.1	57.8	25.7%
Climate Research	176.3	192.8	192.8	195.5	203.5	213.7	194.5	0.9%
Climate Data and Information	4.4	8.3		8.3	10.4	8.3	8.3	
Competitive Research	116.2	133.3	130.1	134.7	139.7	134.7	132	1.5%
Laboratories and Cooperative	51.3	50.3	53.5	51.6	53.3	55.6	53.3	-0.4%
Climate Operations		0.9				0.9	0.9	
Info Tech, R&D, Education	13.0	13.0	12.7	13	23	14	14	10.2%

<b>National Ocean Service</b>	<b>459.2</b>	<b>436.8</b>	<b>467.9</b>	<b>449.3</b>	<b>472.2</b>	<b>516.8</b>	<b>497</b>	<b>6.2%</b>
Navigation Services	140.9	143.8	141.6	149	149	163.2	157.4	11.2%
Ocean Resources Conservation	175.0	156.3	182.8	157.1	174.3	194.2	164	-10.3%
National Centers for Coastal Ocean Science	59.5	47.8	51.5	48.6	32.8	57	52.9	2.7%
Oceanic & Coastal Research								
Competitive Research	9.9	15.8	11.7	15.8	17.8	18	15.8	35.0%
Ocean Assessment Program	81.7	85.2	106.0	86.1	46.9	113.5	85.7	-19.2%
Ocean Health Initiative	3.8	1.0	2.9	1		7.9	4.0	37.9%
Integrated Ocean Observing System - Grants	24.9	14.0	26.4	14.5	19.6	30	20	-24.2%
IOOS Program Office				6.5	8.5	8	6.5	
Ocean Research Priorities Plan		10.0		10		6		
Ocean & Coastal Management	143.3	136.7	143.6	143.1	148.8	159.4	149.7	4.2%
Coastal Zone Mngmt Grants	65.8	66.1	64.4	66.1	66.1	70	66.1	2.6%
Estuarine Research Reserve S	22.9	16.8	16.4	22.3	22.3	22.3	22.3	36.0%
National Marine Sanctuary P	46.3	43.8	46.9	44.4	46.8	47.4	47.4	1.1%
<b>National Marine Fisheries Serv</b>	<b>683.5</b>	<b>704.6</b>	<b>708.3</b>	<b>724.2</b>	<b>744.4</b>	<b>777.3</b>	<b>753.5</b>	<b>6.4%</b>
<b>National Weather Service</b>	<b>774.9</b>	<b>807.8</b>	<b>805.3</b>	<b>818.8</b>	<b>825.8</b>	<b>847.9</b>	<b>847.9</b>	<b>5.3%</b>
<b>National Environmental Satellite, Data &amp; Information Service (Operations)</b>	177.2	157.8	179.2	165.3	179.2	177.9	187.4	4.6%
<b>NESDIS PAC (Procurement)</b>	806.0	820.5	775.9	992.6	992.6	992.6	990.6	27.7%
<b>NESDIS TOTAL (ORF+PAC)</b>	<b>983.0</b>	<b>978.3</b>	<b>995.1</b>	<b>1157.9</b>	<b>1171.8</b>	<b>1170.5</b>	<b>1178</b>	<b>18.4%</b>
<b>Program Support total (ORF)</b>	<b>362.1</b>	<b>389.5</b>	<b>392.4</b>	<b>394.4</b>	<b>410</b>	<b>426.5</b>	<b>451</b>	<b>14.9%</b>
Education Initiative/Program	30.3	19.4	34.1	16.5	20.5	48.7	32.3	-5.3%
<b>Procurement Acquisition &amp; Construction</b>	<b>1085.0</b>	<b>981.9</b>	<b>979.2</b>	<b>1238.7</b>	<b>1244.7</b>	<b>1258</b>	<b>1245.7</b>	<b>27.2%</b>

### NOAA Report Language

- R&D tracking and outcomes – NOAA is directed to continue tracking the division of R&D funds between intramural and extramural research, and is further directed to assure consistency and clarity in the collection and reporting of data. NOAA is also directed to state clearly its expected research outcomes and available funding in order to provide transparency into the competitive grant process for extramural researchers. NOAA is encouraged to provide additional extramural funding in future budget requests.
- IOOS – NOAA is directed, as part of the IOOS 5-year strategic plan, to develop a strategy for incorporating observations systems from estuaries, bays and other near shore waters as part of the IOOS regional network of observatories. NOAA is directed not to tax the funds designated for regional observation systems as the bill provides more than adequate resources for programmatic administration.
- NCCOS – The bill provides \$15.8 million for research related to HABs, Hypoxia, and Regional Ecosystems. NOAA is directed to use these funds for externally-based research.
- National Undersea Research Program (NURP) – the bill includes a total of \$9.2 million for NURP, as requested, which includes funds designated for the NURP Center in Connecticut.
- Ocean Surface Vector Winds Studies – The bill does not include funding for the ocean surface vector winds studies. Instead, NESDIS is directed to conduct the study in-house and within available appropriations, and in conjunction with NASA.
- Space-based scientific data – NOAA is directed to report to the Congress, within 60 days, on its plans to obtain space-based scientific data from commercial sources over the next three years.

- Climate Modeling and Information Technology Security – NOAA is encouraged to expand its partnership with DOE and NSF to provide supercomputing capacity to help meet its research needs.
- Competitive Education Grants – The bill provides \$8.5 million for competitive education grants, of which \$7.5 million is for a new ocean education grant program. Eligible recipients must be non-profit aquariums accredited by the AZA.
- Fleet Planning and Maintenance – Given the trend in lost sea days, an additional \$11 million is provided above the request to better ensure NOAA vessels are manned properly and operate safely.
- NOAA Satellite Systems – The bill includes \$966 million for geostationary and polar orbiting satellite programs and the restoration of critical climate sensors. The impact of GOES-R demands an ever-increasing percentage of NOAA's budget... those requirements should be accommodated in NOAA's budget requests without impinging on NOAA's other critical mission priorities.
- VIIRS – The VIIRS instrument has consistently caused major delays and postponement in the launch of the NPP mission, and almost certainly delaying the launch of C1 and C2 of NPOESS. NOAA is directed to provide, no later than March 1, a revised total cost estimate to build and install the current VIIRS instrument for NPP, C1 and C2 as well as an analysis of alternatives to the VIIRS instrument.

<b>National Aeronautics and Space Administration</b>	<b>FY 2007</b>	<b>FY2008 Request</b>	<b>FY2008 Final</b>	<b>FY09 Request</b>	<b>FY09 House</b>	<b>FY09 Senate</b>	<b>FY09 Final</b>	<b>% Change</b>
<b>Total NASA</b>	<b>16264.0</b>	<b>17309.4</b>	<b>17329.4</b>	<b>17614.2</b>	<b>17769.0</b>	<b>17814.2</b>	<b>17782.4</b>	<b>2.5%</b>
<b>Science</b>	4609.9	5516.1	4706.2	4441.5	4518.0	4522.9	4503.0	<b>-4.5%</b>
Earth Science	1198.5	1497.3	1280.3	1367.5	1447.6	1439.5	1439.6	<b>11.1%</b>
Heliophysics	830.8	1057.2	840.9	577.3	618.3	633.4	606.4	<b>-38.7%</b>
Planetary Science	1215.6	1395.8	1247.5	1334.2	1410.9	1410.9	1326.9	<b>6.0%</b>
Astrophysics	1365.0	1565.8	1337.5	1162.5	1811.0	1184.1	1201.1	<b>-11.4%</b>
<b>Earth System Missions</b>								
NPOESS Preparatory Mission	47.3		70.0	94.4	94.4	94.4	94.4	<b>25.8%</b>
Decadal Survey	0.6		33.0	103.2	153.2	150.0	150.0	<b>78.0%</b>
Ocean Surface Topography	42.8		27.5	8.0	8.0	8.0	8.0	<b>-243.8%</b>
<b>Exploration Systems</b>	2869.8	3920.0	3143.1	3500.5	3505.7	3530.5	3505.5	<b>10.3%</b>
<b>Aeronautics Research</b>	593.8		511.7	446.5	515.0	500.0	500.0	<b>-2.3%</b>
<b>Education Programs</b>	115.9	152.4	146.8	115.6	187.2	130.0	169.2	<b>13.2%</b>

### NASA Report Language

- NASA's Earth science portfolio shall have a continuous mixture of small-, medium-, and observatory class Earth science missions that guarantee regular and recurring flight opportunities for the Earth Science communities
- Earth Decadal Survey Missions – Funds are provided to support on-going activities of the ICESAT II and SMAP missions. In addition, funds are provided to accelerate and achieve a level of system development more consistent with the National Academy of Sciences' recommendations. The bill provides funds to accelerate the ICESAT II mission so it will be ready to launch in 2013 concurrently with the SMAP mission, consistent with the NAS recommendations.

### Department of Energy

- \$1.9 billion for Energy Efficiency and Renewable Energy Programs
- \$40 million for basic and applied technology R&D for tidal, and ocean/marine renewable technologies, including demonstration programs, and for conventional hydropower research, development and deployment. The Department should utilize its marine sciences laboratory to expand marine and hydrokinetic renewable energy programs.

### United States Geological Survey

- \$1.043 billion appropriation (\$37 million above the FY08 appropriated amount)
- Includes \$3 million for extended continental shelf mapping in the Arctic Ocean
- \$1 million for the ocean action plan coastal geology effort

- Provides FY08 level funding for the ocean action plan in the hydrologic networks and analysis program
- \$2.5 million to complete the establishment of the National Global Warming and Wildlife Science Center
- \$7.5 million for the Center to fund research projects, including use of external and independent scientific peer review, to address the needs of resource management agencies
- In coordination with the National Academies of Sciences, the Secretary should initiate a national strategy to assist fish, wildlife, plants, and associated ecological processes in becoming more resilient, adapting to, and surviving the impacts of climate change

### **Environmental Protection Agency**

- \$790 million for Science and Technology (\$30 million above the FY08 appropriated level)
- 

### **HEARING EMPHASIZES THE NEED FOR CLIMATE LEGISLATION**

The House Energy and Environment Subcommittee held a hearing titled "Renewable Energy: Complementary Policies for Climate Legislation." Chairman Henry Waxman (D-CA) emphasized the need for climate legislation that would set a federal Renewable Electricity Standard (RES) to generate energy from renewable sources and reduce carbon emissions. He favors pairing a RES with a cap-and-trade system in order to provide long-term incentives for renewables. He believes the implementation of a federal RES will create demand for new technology and more "green collar" jobs.

Potential sources of non-hydro renewable resources in the U.S. include wind, biomass, solar and geothermal. The Department of Energy issued a report showing that the U.S. could get 20% of our electricity from wind alone by 2030. Concerns were raised regarding states with limited access to an abundance of renewable resources as defined by legislative proposals. An expansion of the definition of renewable energy to include nuclear, coal with carbon capture and sequestration and natural gas was suggested as one possible solution. Renewable energy credit trading was another.

President Obama's budget blueprint released on Thursday calls for \$15 billion to go annually towards funding for advanced renewable energy research. Momentum is growing in Congress for advancing a climate change bill, but some in Congress say it would be ambitious to assume the legislation will be passed this year.

---

### **CONGRESS LOOKS TO WRAP UP REMAINING APPROPRIATIONS MEASURES**

The House Committee on Science and Technology Subcommittee on Energy and Environment held a hearing on current systems of monitoring, reporting and verifying greenhouse gas (GHG) emissions. The hearing focused on:

- *Monitoring GHG emissions* either by measuring emissions of greenhouse gases directly or by estimating emissions;
- *Reporting GHG emissions* including GHG registries; and
- *Verifying GHG emissions* including audits to check that the proper procedures, emissions inputs, use of emissions factors, adhere to the registry's guidelines.

Chairman Brian Baird (D-WA) discussed the need to evaluate the quality of information being collected on the emission of the six greenhouse gases: carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF<sub>6</sub>). The Environmental Protection Agency (EPA) is expected to establish a federal registry that will require mandatory reporting and identify sources of GHG emissions. The panel of witnesses agreed that accurate measurements of baseline emissions are necessary to evaluate whether a cap-and-trade, or market-based, system is effective in reducing GHG emissions.

In his address to a joint session of Congress later that day, President Obama called for legislation that places a market-based cap on carbon pollution and drives the production of more renewable energy in America.

Members of the U.S. House of Representatives and Senate have stated their intention to develop legislation to regulate greenhouse gases.

---

## **111<sup>th</sup> COMMITTEE MEMBERSHIP LISTS ONLINE**

Congressional Committees and Subcommittees are in the process of approving their rules and members for the 111<sup>th</sup> Congress. A number of committees in both the House and Senate oversee ocean related legislation. To see a list of relevant committees and their members, log on to <http://www.oceanleadership.org/files/111th%20Committee%20Membership.pdf>.

---

## **HOUSE SUBCOMMITTEE DISCUSSES TWO PIECES OF LEGISLATION**

The House Subcommittee on Insular Affairs, Oceans and Wildlife held a hearing on two pieces of legislation:

- H.R. 860 (Bordallo): Reauthorizes the Coral Reef Conservation Act of 2000
- H.R. 934 (Sablan): To give certain submerged lands to the Commonwealth of the Northern Mariana Islands so that territory has the same benefits in its submerged lands as Guam, the Virgin Islands and America Samoa.

In Chairwoman Bordallo's (D-GU) opening statement, she emphasized the impact that the Coral Reef Conservation Act of 2000 has had on our commitment to protect, conserve and restore coral reef resources within U.S. jurisdictional waters. H.R. 860 would add new provisions that codify the U.S. Coral Reef Task Force and authorize new funding to support local action strategies to combat threats to coral ecosystems from ocean warming and acidification, sea level rise and disease. Witnesses stressed that overfishing and land-based sources of pollution are equally devastating to corals and should be included in the bill language.

The legislation would also expand the Federal Government's capability to respond to emergencies involving vessel groundings on coral reefs; witnesses recommended that emergency response be expanded to include clean up after storms and other disasters.

The hearing coincided with the National Governor's Meeting and the U.S. Coral Reef Task Force Meeting. The Governors of Guam, American Samoa and the Commonwealth of the Northern Mariana Islands gave testimony at the hearing. Secretary of the Interior Ken Salazar, co-chair of the U.S. Coral Reef Task Force, told task force members that the Administration is committed to quick action to address climate change and protecting coral reefs across the world. The Department of Interior manages five million acres of coral reefs.

---

## **Ocean Leadership News**

### **OCEAN LEADERSHIP TO HOST ANNUAL PUBLIC POLICY FORUM AND RECEPTION MARCH 5<sup>th</sup>**

On Thursday, March 5<sup>th</sup> the Consortium for Ocean Leadership will hold its Annual Public Policy Forum and Reception in the Capitol Visitor Center (SVC 209/208) on Capitol Hill in Washington, DC.

The day-long meeting will feature panels and presentations by representatives from Federal Agencies, Congress, and the ocean science community and will be attended by the Presidents, Deans and Directors from ocean research and education institutions from around the country. This forum offers an important opportunity to discuss national issues of importance to the ocean community with this year's forum focusing on ocean energy, ocean effects on climate change and human health, and enhancing energy security.

Each year the Annual Public Policy Forum serves as an essential vehicle to enable effective interaction and communication between Congress, Federal Ocean Agencies and the ocean research community. Confirmed speakers this year include Senator Sheldon Whitehouse (D-RI) and Congressman Brian Baird (D-WA).

Following the Forum at 5:30pm Ocean Leadership will host a reception for all attendees. Please RSVP by Tuesday, March 3<sup>rd</sup> or if you have questions, contact Heather Havens at 202-448-1239 or [hhavens@oceanleadership.org](mailto:hhavens@oceanleadership.org).

---

### **OCEAN OBSERVING SENSOR WORKSHOP IN OREGON - MARCH 12-13**

The Ocean Observatories Initiative (OOI) Program Office will sponsor a workshop March 12-13 in Portland, OR focusing on instrumentation needs and readiness levels for ocean observing. The OOI, a

research-focused observatory network funded by the National Science Foundation, will be an important collaborator with the Integrated Ocean Observing System (IOOS), the operationally-focused national system, and NSF-sponsored programs such as EarthScope and the Integrated Ocean Drilling Program.

The success of these efforts is based in large part on identifying effective and reliable *in situ* instrumentation as observing networks are being designed, deployed and expanded. Therefore, the goal of the workshop is to engage members of the technology development and manufacturing communities with scientific, engineering, and agency ocean observing communities in a discussion of OOI requirements and supplier capabilities.

For more information, visit

<http://oceanobservatories.org/spaces/display/Presentations/OOI+Sensor+Workshop>.

---

### **JOIDES RESOLUTION UPDATE**

The *JOIDES Resolution* is currently underway for Honolulu, Hawaii at a full speed of about eight knots. Daily Reports from the team that has run the JR through her paces over the past month are available at <http://iodp.tamu.edu/scienceops/sitesumm.html>.

Transit from Singapore, by way of Guam and the Ontong Java Plateau for sea trials drilling, is almost complete. Next up is the start of the first of two Integrated Ocean Drilling Program (IODP) expeditions to the equatorial Pacific Ocean. The second expedition will follow immediately afterward in May. Both are grouped into one science program, known as the Pacific Equatorial Age Transect (PEAT). The results will lead to a clearer understanding of Earth's climate over the past 55 million years--a vital component to knowing what future course the planet's climate will take, scientists believe.

IODP Expeditions 320 & 321: [http://iodp.tamu.edu/scienceops/expeditions/equatorial\\_pacific.html](http://iodp.tamu.edu/scienceops/expeditions/equatorial_pacific.html)  
[http://www.iodp-usio.org/Newsroom/Media\\_kits/ExpeditionHandout320-321.pdf](http://www.iodp-usio.org/Newsroom/Media_kits/ExpeditionHandout320-321.pdf).

---

### **SUBMIT AN IODP-RELATED WORKSHOP PROPOSAL**

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, 2009. For more information:

<http://www.oceanleadership.org/ussp/workshops> or contact USSSP Assistant Director Charna Meth at 202-232-3900 x1639 or [cmeth@oceanleadership.org](mailto:cmeth@oceanleadership.org).

---

### **IWGOO SPONSORING "SMALL SEA CHANGES: BIG BUSINESS IMPACTS" WORKSHOP**

The Interagency Working Group on Ocean Observations (IWGOO) is sponsoring a workshop in Silver Spring, Maryland on 14 April 2009 entitled *Small Sea Changes: Big Business Impacts*. The purpose of this workshop is to engage private industry and communicate the value of ocean science and ocean observations to business decision-making. The target audience is senior decision makers from the agriculture, aviation, construction, energy, finance, fishing, healthcare, insurance, leisure and tourism, manufacturing, mining, retail, transportation and utility sectors.

This workshop will explore the improved business decision support that the Integrated Ocean Observation System can facilitate. For the ocean science community, this workshop provides an opportunity to identify a cadre of industry professionals willing to support the need for ocean science and the Integrated Ocean Observation System. For industry, this workshop will explore the opportunities for better business decisions through examining the connection between weather forecasts, climate projections and ocean observations.

The organizers of this event are seeking assistance identifying and engaging with the target audience and especially with major businesses beyond those that directly interact with the oceans such as offshore oil and gas and shipping. Forwarding this message to potential participants or providing us with contact information within the target sectors would be especially helpful to our efforts to engage a wider cross section of industry in supporting ocean observations.

The workshop flyer, registration and additional information are available at:

<http://www.oceanleadership.org/iwgoo>.

Your assistance is greatly appreciated. If you have any questions, or you would like to become more involved in helping with this vital outreach project please contact Josh Young, IWGOO Program Coordinator, Consortium for Ocean Leadership at (202) 787-1622 or [jyoung@oceanleadership.org](mailto:jyoung@oceanleadership.org).

---

### **HBCU EDUCATOR AT SEA ABOARD THE RENOVATED *JOIDES RESOLUTION***

The Consortium for Ocean Leadership (Ocean Leadership) together with the Integrated Ocean Drilling Program - U.S. Implementing Organization (IODP-USIO) is currently seeking an educator from a Historically Black College and University (HBCU) to sail on board the renovated *JOIDES Resolution (JR)*.

The HBCU Educator at Sea will be part of IODP Expedition 324 - Shatsky Rise Formation scheduled to begin in Yokohama, Japan on 4 September 2009 and end in Townsville, Australia on 4 November 2009.

This opportunity is open to full-time HBCU educators from science or education departments that are interested in experiencing life on board a scientific vessel, sharing experiences in real-time with land-based audiences, and creating educational materials related to the expedition.

Please help us spread the word by sharing this information with friends and colleagues who teach at an HBCU.

The application and further information are available at:

[www.oceanleadership.org/diversity/educatoratsea](http://www.oceanleadership.org/diversity/educatoratsea). The application deadline is April 27, 2009

---

### **NOSB REGIONAL CHAMPIONS MOVE ON TO THE NOSB FINALS IN WASHINGTON, DC**

The 25 National Ocean Sciences Bowl (NOSB) Regional Competitions have taken place. The Consortium for Ocean Leadership would like to congratulate the following winners for advancing to the National Finals Competition in April:

Aloha Bowl	Punahou School
Bay Scallop Bowl	Mount Sinai High School
Blue Crab Bowl	Bishop Sullivan Catholic High School
Blue Lobster	Lexington High School
Blue Heron Bowl	Raleigh Charter High School
Chesapeake Bay Bowl	Thomas Jefferson High School
Dolphin Challenge	Lee High School
Great Lakes Bowl	Dexter High School
Hurricane Bowl	Long Beach High School
La Jolla Surf Bowl	La Jolla High School
Lake Sturgeon Bowl	Marshfield High School
Loggerhead Challenge	Star Charter School
Los Angeles Surf Bowl	North Hollywood High School
Manatee Bowl	Hialeah-Miami Lakes Senior High
Mount Mariner Challenge	Smoky Hill High School
Nor'Easter Bowl	Contoocook Valley Regional High School
Orca Bowl	ExCeL Academic League
Penguin Bowl	State College High School

Quahog Bowl	Cranston High School West
Salmon Bowl	Neah-Kah-Nie High School
Sea Lion Bowl	Mission San Jose High School
Shore Bowl	Marine Academy of Science & Technology
Southern Stingray Bowl	Oconee County High School
Spoonbill Bowl	Canterbury School of Florida
Tsunami Bowl	Juneau-Douglas High School/Thunder Mountain High School (Mixed Team)

The National Finals competition will take place April 25-27 in Washington, D.C. Saturday, April 25 marks the start of the weekend with exciting and engaging field trips around the D.C.-area, followed by dinner at the Smithsonian National Museum of Natural History, which will feature speaker Dr. Nancy Knowlton, Sant Chair for Marine Science at the Smithsonian National Museum of Natural History. The competition will begin on Sunday, April 26 at the 4H National Conference Center, with guest speakers the NaGISA high school group and chief scientist and author Dr. Ellen Prager highlighting the day. The last rounds of the competition will commence on Monday at the Smithsonian Natural History Museum.

---

### **NATIONAL OCEANOGRAPHIC PARTNERSHIP PROGRAM SEEKS RESEARCH PROPOSALS**

The National Oceanographic Partnership Program (NOPP) and the President's Interagency Committee on Ocean Science and Resource Management Integration (ICOSRMI) are currently seeking proposals meeting the goal of partnerships between at least two of the following three sectors: academia, industry (including NGOs), and government. Research proposals are being solicited for three topics:

- Improving Wind Wave Predictions: Global to Regional Scales
- Sensors for measurement of Biological, Bio-Optical, Optical or Chemical Properties of the Ocean
- Improving Cyclone Intensity Forecasting

For more information, refer to the full Broad Agency Announcement:

<http://www.onr.navy.mil/O2/baa/> - BAA # 09-012

Up to \$21.5 million over four 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 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. If you have any questions, please contact the NOPP office at: [NOPPO@oceanleadership.org](mailto:NOPPO@oceanleadership.org).

---

### **CHART WORKSHOP – ONE WEEK REMAINS**

Now is your opportunity to influence the research priorities of IODP. Charting the Future Course of Scientific Ocean Drilling (CHART) is an online workshop that will define the U.S. scientific priorities for future scientific ocean drilling programs. Your participation is critical. The results from CHART, and national meetings in partner countries, are a key aspect of the planning process and will shape the agenda for the international INVEST Workshop. Your input and support will help ensure that we retain access to ocean drilling technology for producing transformative, world-class science.

The CHART workshop is online to allow all U.S. scientists the opportunity to participate. You may comment on previously posted questions, start a new thread, or state what you think have been IODP's biggest successes. Registration is free. <http://www.oceanleadership.org/chart>.

---

### **OCEAN LEADERSHIP EDUCATION COORDINATOR DIVES IN DSV ALVIN**

Consortium for Ocean Leadership Education Coordinator, Allison Byrd, recently returned from a research cruise aboard the *Atlantis* that enabled her to dive 4,370 meters below the ocean's surface in the *DSV Alvin*. Allison was aboard the *Atlantis* as an educator, representing NOSB and getting ready for the 2010 competition, when the theme is marine technology.

Allison remarked that the most amazing thing to see as you travel down the water column is the intricacies of the bioluminescent creatures you pass. She said it seemed like they are flashes of light, but

once you get closer, you can see their moving appendages, the light going through their bodies, and all of their internal workings.

She also noted what an amazing experience it is to reach the ocean floor after three hours of traveling and know that very few people, even oceanographers, have ever seen the site that she was seeing.

---

#### **INVEST: U.S. PARTICIPANT SUPPORT AVAILABLE**

The U.S. Science Support Program (USSSP) associated with the Integrated Ocean Drilling Program (IODP) has travel support available for U.S.-affiliated researchers to attend the IODP New Ventures in Exploring Scientific Targets (INVEST) workshop at the University of Bremen, Germany.

INVEST is a multidisciplinary, international community meeting, whose focus is to define the scientific research goals of the second phase of the IODP. INVEST is open to all interested scientists and students as the principal opportunity for international science community members to help shape the future of scientific ocean drilling.

If you are a U.S.-affiliated researcher in need of travel funds to attend the INVEST workshop, you may apply for participant support through USSSP. Applications will be accepted until March 31, 2009, with decision notices issued by April 30, 2009. CHART Workshop participants, early-career researchers, and those new to IODP are especially encouraged to apply.

---

## **Ocean Community News**

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

#### **MORATORIUM LIFTS ON IODP NANTROSEIZE STAGE 1 SAMPLES AND DATA**

Beginning February 6, 2009, the scientific data and sediment core samples acquired during Stage 1 NanTroSEIZE Expeditions, carried out during 2007-08, are available for scientific and educational use by the community. Prior to this date, the data and samples were under a one-year moratorium period, to secure priority use by the Stage 1 science party members.

The core Stage 1 samples are managed by Kochi Core Center and are distributed for research and educational purposes without charge. Samples can be obtained by submitting a written request through the IODP Sample Material Curation System. <http://www.iodp.org/access-data/> Also, scientific data such as physical properties, geochemical data, core images, X-ray CT scan images, logging data from the Stage 1 expeditions are available online from the IODP Scientific Earth Drilling Information System (SEDIS) <http://sedis.iodp.org/>.

For information about NanTroSEIZE, please refer to the expedition page, <http://www.jamstec.go.jp/chikyu/eng/Expedition/NantroSEIZE/index.html>

IODP data and samples acquired by any drillship, including the Chikyu, are available after a one-year moratorium period. The IODP Sample, Data and Obligations Policy informs users about usage, <http://www.iodp.org/access-data/>.

---

#### **ATTEND THE BLUE VISION SUMMIT IN WASHINGTON, DC**

The Blue Vision Summit will be held March 7-10, 2009, in Washington, D.C. The Summit will bring a wide range of people engaged in ocean conservation and its sustainable use together around three themes:

- 1) To influence President Obama and Congress to take leadership actions on the ocean;
- 2) To address Climate Change impacts on the ocean; and
- 3) To highlight solutions to marine threats that are working from the local to the global level.

The Summit will include a night with top ocean explorers, two days of meetings and discussions, two evening celebrations and a Capitol Hill Day that will provide an opportunity for people to meet with their elected congressional representatives. Join about 500 ocean leaders as the will take place at sites like the Carnegie Institution, The George Washington University, the new Smithsonian Ocean Hall and Capitol Hill. Summit Sponsors to date include the Blue Frontier Campaign, Khaled bin Sultan Living

Oceans Foundation, Pew Environment Group, Oceana, Natural Resources Defense Council, the Ocean Conservancy, Clean Ocean Action, The Ocean Foundation and the D.C. Chapter of Surfrider.

For more information about the Blue Vision Summit contact Mary M. Hamilton, Executive Director of the SandyHook SeaLife Foundation at 609-953-2677 or [SHSLFoundation@aol.com](mailto:SHSLFoundation@aol.com) or log on to <http://www.bluefront.org/bluevision/>.

---

### **ATLANTIC MERIDIONAL OVERTURNING CIRCULATION OBSERVATIONS OPEN MEETING**

The U.S. Atlantic Meridional Overturning Circulation (AMOC) Science Team is organizing an open science meeting focused on AMOC observations, modeling and prediction. The U.S. Administration's Ocean Research Priorities Plan included the study of the AMOC as a near-term priority and relevant federal agencies are responding with new efforts in this arena. This meeting is designed to facilitate communication between U.S. and international AMOC researchers and will be held 4-6 May 2009 in Annapolis, MD USA. Please go to <http://www.atlanticmoc.org/AMOC2009.php> for a complete description of the meeting including registration, abstract submittal and logistical details. The abstract deadline is March 3, 2009 and the registration deadline is April 3, 2009. For more information about the U.S. AMOC Science Team, go to <http://www.atlanticmoc.org/>.

---

### **SUMMER INTERNSHIPS AVAILABLE IN SCIENTIFIC DRILLING**

DOSECC (Drilling, Observation and Sampling of the Earth's Continental Crust) invites students to apply for summer 2009 internships in scientific drilling. The internships promote student involvement in projects where drilling has provided data and materials for study. Interns can undertake research related to ongoing or past drilling efforts. The internships are open to college students (graduate or undergraduate) and primary and secondary schoolteachers, worldwide. Applicants do not have to be attending a DOSECC Member Institution to be considered for this award. Internship funding will be available in the summer of 2009 and budgets of \$2,000 to \$5,000 are appropriate.

Applications must be received by March 1, 2009 and awardees will be announced on April 1, 2009. For additional information consult the information posted on the DOSECC web site ([www.dosecc.org/html/internship.html](http://www.dosecc.org/html/internship.html)), or email David Zur, DOSECC's Education and Outreach Manager ([dzur@dosecc.org](mailto:dzur@dosecc.org)).

---

### **SUBMIT A VIDEO TO THE SMITHSONIAN OCEAN HALL**

In September the Smithsonian's National Museum of Natural History inaugurated the Ocean Hall, the largest permanent exhibit in the museum. As part of the floor exhibit, there are two kiosks with interactive screens that display video and graphic content relating to ocean literacy. The kiosks are informal-learning, touch-screen media centers. Visitors are able to choose videos from four categories: Ocean News, Ocean Life, Ocean Science and Technology and Recent Discoveries.

In addition, there will be satellite kiosks around the country. The Ocean Today Kiosk is a highly visual, educational, and interactive exhibit. Content should be geared toward a general family audience at a 6<sup>th</sup> grade reading level. All scientific terms should be defined or in context in the script. The content for the Ocean Today Kiosk should not exceed 2:30 minutes in length for videos or image files.

Kiosk story proposals are being accepted twice a year. For 2009, the deadline is: July 31, 2009. Email your completed proposal to Katie Snider at [Katie.Snider@noaa.gov](mailto:Katie.Snider@noaa.gov). You will receive notification within one month of the deadline. All accepted videos will be displayed on the Ocean Today Kiosk for a minimum of three months.

All submissions should comply with the procedures and requirements outlined in the Contributor Kits found at [http://www2.nos.noaa.gov/oceannewskiosk/outside\\_contributor.html](http://www2.nos.noaa.gov/oceannewskiosk/outside_contributor.html).

For specific questions, email [oceankiosk@noaa.gov](mailto:oceankiosk@noaa.gov).

---

### **BLUE OCEAN FILM FESTIVAL CALL FOR ENTRIES**

BLUE, a global oceans film and conservation event has opened its international call for submissions.

Film submissions should be made through the Without a Box web site:

<http://www.withoutabox.com/login/7530>

The four-day event to be held in historic Savannah, Georgia June 11-14, 2009 is dedicated to promoting, honoring, & sharing great films in an effort to help protect the oceans & the life within. For 2009 BLUE is being hosted by the Gray's Reef Ocean Film Festival, building on their festival experience and success over the past 5 years.

BLUE consists of an underwater & oceans filmmaker industry conference with hands-on workshops, a community conservation outreach program and will present film awards in 15 categories with a special jury selection to be awarded "The Best of BLUE". All the winning entries will then be eligible to be included in "BLUE on Tour" which is a traveling ocean film festival with distribution to The Georgia Aquarium and throughout the US National Marine Sanctuary System, as well as other international destinations.

The deadline is March 15<sup>th</sup>. Emerging filmmakers and students are also encouraged to participate, each with their own category. For More Information log on to [www.bluefilmfest.com](http://www.bluefilmfest.com)

---

### **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. The development and application of innovative environmental science and technology supports the long-term sustainability of DoD's installations and ranges, as well as significantly reduces 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 Fiscal Year (FY) 2010 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 Thursday, January 8, 2009. Proposals from the federal sector are due by Thursday, March 12, 2009. The SONs and detailed instructions for federal and private sector proposers are available on the SERDP web site at [www.serdp.org/funding](http://www.serdp.org/funding).

SERDP also will be funding environmental research and development through the SERDP Exploratory Development (SEED) Solicitation. The SEED Solicitation is designed to provide a limited amount of funding (not to exceed \$150,000) to investigate new environmental technologies with innovative approaches that entail high technical risk and/or have minimal supporting data that provide risk reduction and/or proof of concept. For FY 2010, proposals are being requested that respond to one SEED SON in each of the following focus areas: Munitions Management, Sustainable Infrastructure, and Weapons Systems and Platforms.

All SEED proposals are due by Thursday, March 12, 2009. The SEED SONs and detailed instructions for both federal and non-federal proposers are available on the SERDP web site at [www.serdp.org/funding](http://www.serdp.org/funding).

---

### **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 opportunity this week:

- Assistant Director for Biological Sciences - National Science Foundation

## 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 2009

- 2 Feb – Charting the Course of Scientific Ocean Drilling Online Workshop (CHART)  
6 Mar (<http://www.oceanleadership.org/chart>)
- 3-4 Mar National Association of Marine Laboratories (NAML) Annual Winter Meeting, Washington, D.C.
- 3-5 Mar Underwater Intervention Conference, New Orleans, LA ([www.underwaterintervention.com](http://www.underwaterintervention.com))
- 4 Mar Ocean Leadership Congressional Hill Visits, Washington, D.C.
- 4-7 Mar 2009 Offshore Technology Conference, Houston, TX ([www.otcnet.org/2009](http://www.otcnet.org/2009))
- 5 Mar Ocean Leadership Public Policy Forum, Washington, D.C.
- 6 Mar Ocean Leadership Board of Trustees Meeting, Washington, D.C.
- 9-10 Mar NOAA Science Advisory Board, Silver Spring, MD
- 11-12 Mar CoML U.S. National Committee Spring Meeting, Washington, D.C.
- 12-13 Mar Ocean Observing Instrumentation Workshop, Portland, OR
- 14 Mar A Sea Change World Premiere at D.C. Environmental Film Fest
- 16-19 Mar Science Planning Committee (SPC) Meeting, Miami, FL
- 17 Mar Ocean Studies Board Roger Revelle Commemorative Lecture, Baird Auditorium at the Smithsonian Museum of Natural History
- 18 Mar Ocean Studies Board at the National Academy of Sciences Building, Washington, D.C.
- 19-22 Mar 2009 National Science Teachers Association (NSTA) Conference. New Orleans, LA
- 23-27 Mar Marine Geoscience Leadership Symposium, Washington, D.C.
- 31 Mar- 2 April Ocean Business 2009, Southampton, United Kingdom ([www.oceanbusiness.com](http://www.oceanbusiness.com))
- 6-7 April Ocean Research and Resources Advisory Panel (ORRAP) Meeting, Washington, D.C.
- 14 April Small Sea Changes: Big Business Impacts Workshop, Silver Spring, MD
- 14-15 April NOAA's Hydrographic Services Federal Advisory Committee, Baltimore, MD
- 25-27 April National Ocean Sciences Bowl Finals Competition, Washington, D.C.
- 4-7 May Offshore Technology Conference, Houston, TX ([www.otcnet.org/2009](http://www.otcnet.org/2009))
- 5-7 May Data Management and Communications (DMAC) Meeting, Washington, D.C.
- 11-14 May IEEE OCEANS '09 Conference, Bremen, Germany ([www.oceans09ieeebremen.org](http://www.oceans09ieeebremen.org))
- 11-14 May U.S. Hydro 2009, Norfolk, VA ([www.hypack.com/hydro09](http://www.hypack.com/hydro09))
- 26-27 May Ocean Observatories Initiative Program Advisory Committee Meeting, Washington, D.C.
- 28 May Ocean Leadership Annual Meeting of the Members, Washington, D.C.
- 29 May Ocean Leadership Board of Trustees Meeting, Washington, D.C.
- 8-12 June American Society of Marine Engineers Expo, Orlando, FL ([www.asmeconferences.org/TE09](http://www.asmeconferences.org/TE09))
- 9-11 June Capitol Hill Ocean Week (CHOW), Washington, D.C. ([www.NMSFocean.org](http://www.NMSFocean.org))

- 15-17 June CoML International Scientific Steering Committee Meeting, Cape Town, South Africa
- 16-18 June EnergyOcean 2009, Rockport, ME ([www.energyocean.com](http://www.energyocean.com))
- 29-30 June Marine Technology for Offshore Wind Power Workshop, Arlington, VA  
([www.mtsociety.org/conferences/windworkshop.aspx](http://www.mtsociety.org/conferences/windworkshop.aspx))
- 29 June – 3 July National Marine Educators Association (NMEA) Conference, Monterey, CA
- 9-11 Sept Offshore Europe 2009, Aberdeen, United Kingdom ([www.offshore-europe.co.uk](http://www.offshore-europe.co.uk))
- 19 Sept International Coastal Cleanup
- 21-25 Sept OceanObs'09 Conference, Venice, Italy
- 23-25 Sept INVEST Workshop, Bremen, Germany
- 15-16 Oct Board of Trustees Meeting, Washington, D.C.
- 18-21 Oct The Geological Society of America (GSA) Annual Meeting, Portland, OR  
([www.geosociety.org/meetings/2009](http://www.geosociety.org/meetings/2009))
- 26-29 Oct Oceans 2009, Biloxi, MS (<http://www.oceans09mtsieebiloxi.org/>)

Copyright © 2009 Consortium for Ocean Leadership. All rights reserved. Individual Ocean Leadership members may use their submitted articles for re-distribution without consent from Ocean Leadership. Otherwise, newsletter material may not be published, broadcast, rewritten or redistributed without the expressed written consent of the Consortium for Ocean Leadership. To obtain consent, please contact [gschmidt@oceanleadership.org](mailto:gschmidt@oceanleadership.org).