



Announcements September 10, 2007

www.NYSMEA.org www.NYSMEA.org/jobs [NYSMEA Calendar](#)

Welcome Back! We hope that you have had a great summer.
Stirred on by our own fantastic conference in June,
a bunch of us had a great time at the National in Portland.

We need you assistance - Please volunteer to host/help out at events
for the organization. We also need input for this Announcement listserve.
Just send marine/environmental related information to NYSMEA@aol.com
We will put it in the announcements/on our calendar/ or on or JOBS
webpage Hope to see you at the FISHNIC or one of the Beach Clean-ups
in September!

Fishnic at TOBAY Beach Sunday September 30th. Details on [NYSMEA Calendar](#)

[Plan for National Estuaries Day – September 2007](#)

Mark you calendar - September 29, 2007 is National Estuaries Day! Engage your students in National Estuaries Day and organize an event. This can be a wonderful way for your students to educate the public on the importance of estuaries and the need to protect them! If you are close to a National Estuarine Research Reserve (NERR), check their website and find out how to get involved. Find the NERR near you at <http://nerrs.noaa.gov/Reserves.html>. Activities across all 27 NERR sites will include fun-filled presentations on estuary animals, a walk on a salt marsh boardwalk, touch tanks, kids' crafts, and nature films!

International Beach Clean-up. The American Littoral Society is once again organizing this great international effort under the leadership of Barbara Cohen.
For a local site and details go to <http://www.alsnyc.org/>

Lou Siegel is running a beach clean-up at Jones Beach on the Sept. 29th details at www.estuary.cog.ny.us

NYSMEA goes fossil hunting at Big Brook, NJ October 13th. Reserve the date - details to follow

Your assistance is also *still* needed on two surveys being conducted by the South Shore Estuary Reserve. Your participation will be greatly appreciated and allow us to better serve our stakeholders.

For All Teachers:
http://www.surveymonkey.com/s.aspx?sm=TNDhQY0VX1scs5z2VqkRAg_3d_3d

For Science Teachers:
http://www.surveymonkey.com/s.aspx?sm=r6aWbBmZktw2AvzivfSZsA_3d_3d

Big shoes to fill -
Our own Kim Zimmer-Graff has moved on (to go back to school!) and her job is now open
Outreach Coordinator – Long Island Sound Study Extension Associate
Cornell Cooperative Extension/NY Sea Grant Stony Brook, NY
Go to www.NYSMEA.org/jobs for details

Hudson River Sail

- **September 15, 2007**
- American Museum of Natural History
- \$95
- Code: MO091507
- **10:00 a.m.–12:00 noon**
- [Add this event to my Calendar:](#)

Enjoy a private sail aboard the historic *Lettie G. Howard*, a fishing schooner once used widely along the Atlantic seaboard during the 19th century. Join geologist **Alan Rice** of the Department of Earth and Planetary Sciences for an educational sail on the Hudson. Learn the cultural heritage of the area and ecology of the river. Onboard educators from the South Street Seaport Museum will discuss the history of the boat and traditional sailing and maritime techniques. A light breakfast will be served on board.

An Evening with Wangari Maathai

- **September 25, 2007**
- LeFrak Theater, first floor
- \$15 (\$13.50 Members, students, senior citizens)
- Code: EL092507

• 7:00 p.m.

Nobel Peace Prize laureate Wangari Maathai is a celebrated political activist, feminist, and environmentalist. She is the founder of the Green Belt Movement, an environmental group in Kenya that has restored indigenous forests and assisted rural women by paying them to plant trees in their communities. Since 1977, the movement has planted more than 30 million trees in Kenya and been replicated in dozens of other African countries. Maathai is currently Kenya's Deputy Minister for the Environment and Natural Resources and a Member of Parliament. Her new memoir, *Unbowed*, will be available for signing. Introduced by **Eleanor Sterling**, Director, Center for Biodiversity and Conservation, AMNH.

Tickets available at * * * 212-769-5200* * * or amnh.org <<http://www.amnh.org/>>

More information: American Museum of Natural History <<http://www.amnh.org/>>

Contact: AMNH Brochure for Fall Even <http://www.amnh.org/join/rotunda/Rotunda%20JAS.07_FINAL.pdf%20%28PDF%29>

National Oceanic and Atmospheric Administration (NOAA)

Office of Ocean Exploration
Learning Ocean Science through Ocean Exploration
Professional Development

Who: Science Teachers of Grades 6-12

What: NOAA "Learning Ocean Science through Ocean Exploration"
Professional Development Workshop

When: Wednesday, November 14, 2007
8:30 am – 5:00 pm

Where: Offered as part of the 2007 Annual Conference of the
North American Association for Environmental Education (NAAEE)
Virginia Beach, Virginia

From bioluminescent corals to deep vent worms, from tropical underwater volcanoes to the Arctic Ocean floor, we know more about the Moon than our ocean. Bring the excitement of current ocean science discoveries to your students using the Ocean Exploration curriculum and CD-ROM's of the Ocean Explorer Web site (www.oceanexplorer.noaa.gov) from the National Oceanic and Atmospheric Administration (NOAA). Join Cindy Renkas, NOAA Ocean Exploration Education Specialist, as you do inquiry- and standards-based activities tied directly to ocean expeditions. Receive a copy of the Learning Ocean Science through Ocean Exploration curriculum and CD-ROM's interpreting these multidisciplinary ocean discovery voyages using "new technological eyes" to study earth and life science on the ocean floor. Use these inquiry-based activities in biology, earth, physical, marine, and environmental science courses to connect your students to the excitement of NOAA Ocean Exploration as they travel from the Galapagos Rift to the Arctic Ocean, from Alaskan and New England seamounts to those in the Hawaiian Islands.

Registration is required and space is limited. Morning coffee, lunch, the curriculum with CD-ROM, a Certificate of Participation, and take-home materials will be provided for each participant.

To register, complete the conference registration form, available at: www.naaee.org

Online conference registration deadline is November 1, 2007

Multicultural Initiative in the Marine Sciences: Undergraduate Participation (MIMSUP)

The Shannon Point Marine Center (SPMC) invites applications for MIMSUP, an innovative program designed to increase diversity within the next generation of marine scientists. Participants receive hands-on training in the marine sciences and in the professional opportunities available to those who choose this career path. Applications are encouraged, in particular, from U.S. citizens belonging to groups currently underrepresented in the marine sciences (i.e., African Americans, Latino/Hispanics, Alaskan Natives, Native Americans or Native Pacific Islanders).

Selected students spend two quarters (January 8 - June 13) at the Shannon Point Marine Center taking introductory and specialized courses in the marine sciences (31 quarter credit hours), attending seminars and workshops, exploring career opportunities and engaging in supervised research. After the program, students return to their home institutions to complete their undergraduate programs.

Funding from the National Science Foundation covers all tuition and fees for two quarters, housing in the SPMC dormitory, one round trip between the participant's residence and SPMC and a \$3025 work-study allowance to help defray other costs for the duration of the program.

Applicants must be in an academic program leading to a bachelor's degree. A complete application includes an online form (<http://www.wvu.edu/~mimsup>), a statement of the student's interests and goals, a transcript and a letter of recommendation from a faculty member familiar with the student's academic record. Application deadline is November 13, 2007. WWU is an affirmative action, equal opportunity institution.

Questions can be addressed to Dr. Brian Bingham, Shannon Point Marine Center, 1900 Shannon Point Road, Anacortes, WA 98221. Telephone: (360) 650-7400, E-mail: Brian.Bingham@wwu.edu.

Register now for Nassau BOCES fall workshops
View workshop listing at <http://www.nassauboces.org/cit/catalog/pd/Catalogindex.htm>
For information call 516-608-6603

Selected videos from NOAA's Ocean Exploration expeditions are now available on YouTube at <http://www.youtube.com/oceanexplorergov>

As always, to see all of the NOAA Ocean Exploration expeditions, videos, daily logs from sea, educational resources, and more, check out the website at oceanexplorer.noaa.gov

Some might be interested in this Power Point on "Ocean Debris". It is actually done up as a .pdf file. If you want the original images, please contact the people at NOAA. Their address is in the presentation. <http://sero.nmfs.noaa.gov/pr/pdf/Marine%20Debris%20in%20GOM.pdf>

"Confronting Climate Change in the U.S. Northeast: Science, Impacts and Solutions" was released on Wednesday, July 11. This report of the Northeast Climate Impacts Assessment (NECIA) provides

new information on the impacts of climate change on key climate-sensitive sectors (coastal, marine, forests, agriculture, winter recreation and health), and options and opportunities for mitigation and adaptation.

Accompanying the 140-pg report are nine state-specific outreach documents -- these are 4, 6 and 8 page state summaries highlighting the key findings for each state -- and an updated web site highlighting "Solutions in Action." A stand-alone executive summary will soon be available. Visit www.climatechoices.org/ne to download the report and fact sheets, and see the new solutions feature.

****Please help us amplify the results of this new report to spur action to reduce our global warming emissions. You are welcome to link to the report on your website, or to mention the report in any listservs, blogs, or newsletters that you publish or distribute. If you choose to do so, for your convenience, please see below for a sample news blurb and a sample weblink. Also, if you would like any hard copies of the materials to use at any meetings, conferences, or events that you might have, please let us know.**

WhaleNet - Interactive Education is online again this year. You can track marine mammals in real-time, or used archived data, to research the movements of various species or genders of satellite tagged marine mammals (and sea turtles).

We also introduced a new program following the track of Erden Eruc as he rows across the Pacific Ocean and circumnavigates the world using only human-powered transportation. Educational units and resources are available. Join Erden on his adventure.

WhaleNet has a wealth of educational resources and units relating to the oceans and marine mammals. We have plans that will instruct you how to build a 55-foot long inflatable whale that you can enter into. We also have other hands-on, mind-on activities for all grade levels.

WhaleNet remains free to all users. WhaleNet was initiated with funds from the National Science Foundation in 1993 to enhance interest in mathematics and sciences. Join in.

WhaleNet: <http://whale.wheelock.edu/Welcome.html>

Dear Environmental Education Supporters,
Would you consider being a technical reviewer for the California B-WET Program, your help is needed!

The NOAA California Bay Watershed Education and Training (B-WET) Program provides funds to support environment-based education throughout the watersheds of San Francisco Bay, Monterey Bay, and Santa Barbara Channel. Funded projects provide meaningful watershed educational experiences to students, teachers, and communities.

*****The details are as follows:**

WHO: Those in the environmental/marine education field or education field (K-12 and higher) and/or those that have experience reviewing proposals.

WHAT: Proposals for outdoor, environmental experiential learning for students (K-12) and professional development in environmental education for teachers (formal and non formal).

WHEN: You will receive the proposals the week of October 15h. You will be given three weeks to review.

HOW MANY: 3-4 proposals.

HOW: Established criteria as outlined in the Request for Proposals are used to score and comment on the proposals. Reviews are done electronically.

COMPENSATION: Since this is a Federal Program, there is no financial compensation, but you will feel great about supporting this wonderful program!

IF INTERESTED: Please contact me, Seaberry Nachbar, at _seaberry.nachbar@noaa.gov <<mailto:seaberry.nachbar@noaa.gov>>.

(*I am on maternity leave but checking email regularly*)

IF NOT INTERESTED: Do you know of others that would be?

In case anyone wants to revisit...or visit for the first time...the Great Turtle Race, the "race" of eleven satellite-tagged leatherback turtles from Costa Rica to the Galapagos that took place in April, Tagging of Pacific Predators (<http://www.topp.org>) is doing a five-part blog series that begins on Monday, September 10, to look at what's happened to them.

We'll also include links to educational modules and will feature background stories about the plight of the endangered Pacific leatherback turtles, 90 percent of which have disappeared in the Pacific Ocean. For those who want to relive the race, the Great Turtle Race is still archived at <http://www.greatturtlerace.com>.

Project WILD Facilitator Training
Saturday, September 22, 2007
9 am – 5 pm
Reinstein Woods Nature Preserve
93 Honorine Drive, Depew, NY 14043
716-683-5959
<http://www.dec.ny.gov/education/1837.html>

WOW! The Wonders of Wetlands

WOW! introduces you to basic wetland ecology, including soil, water, and plants, as well as wetland functions and values through fun and interactive activities in lesson plan format. Bring wetlands alive and into the classroom!

Time: 9:00 a.m. to 4:00 p.m.

Cost: \$45 includes WOW! curriculum guide and all course materials.

Location: Adirondack Park Agency Visitor Interpretive Center

September 25, 2007 in Newcomb, New York

September 26, 2007 in Paul Smith's, New York

Register by Friday to receive a \$5 discount!

For more information, or to register, visit www.wetland.org, call

Karleen Vollherbst at 410-745-9620, or e-mail her at

teachwetlands@wetland.org.

Are you considering doing a community/service learning project with

students? Are your students involved in a project for which you need funding? The following announcement is taken from the EETAP July Newsletter.

Go to <http://www.eetap.org/> for more info on EETAP and other EETAP offerings/services.

In addition to the info on the GreenWorks! grants, the Guide that is provided is an excellent resource for service learning projects. Check it out!

We've launched our project Web site – Data in the Classroom – available at <http://www.dataintheclassroom.org>

The NOAA Ocean Data Education (NODE) Project is developing curriculum for grades 5-8 designed to help teachers and students use real scientific data to explore dynamic Earth processes and understand the impact of environmental events on a regional or global scale.

Accessing historical and real-time scientific data offers exciting teaching opportunities, yet teachers face many challenges utilizing real-time data and incorporating it into their teaching. NOAA possesses an array of observing systems that monitor oceanic, atmospheric, and terrestrial parameters, but what's missing – according to a 2006 assessment by the Jacques Cousteau National Estuarine Research Reserve – are relevant, easy-to-use curriculum activities that put real-time data into an exciting and compelling context as well as simple, intuitive computer interfaces for accessing online data.

The NODE demonstration project aims to help fill these gaps by creating three new curriculum modules and related online tools for accessing data. The new curriculum will be available beginning in September. If you would like to be notified when the curriculum is completed, you can visit our Web site and sign up for our mailing list.

<http://www.dataintheclassroom.org>

REGISTRATION BEGINS FOR:
THE 11th INTERNATIONAL CORAL REEF SYMPOSIUM

The 11th International Coral Reef Symposium convenes in Ft. Lauderdale, FL, USA, July 8-11, 2008. Over 2,000 attendees are expected from the international marine science, management, and conservationist communities. There will be 25 Mini-Symposia topics, representing a wide diversity of coral reef science and management opportunities for attendees. The South Florida venue will provide convenient access for experts and policymakers to visit and study US and other reef systems in the Atlantic, Caribbean, Gulf of Mexico, and Meso-America.

Every four years the International Coral Reef Symposium convenes as a major scientific conference to provide the latest knowledge about coral reefs worldwide. The theme for the 11th ICRS is REEFS FOR THE FUTURE. The Symposium goals are to:

provide a scientific basis for coral reef ecosystem

management by articulating the state of the science with respect to current and emerging stressors;
improve the understanding of reef condition, function, and productivity; and
grow the fields of coral reef ecosystem science, conservation, and multidisciplinary research by facilitating the exchange of ideas.

Online symposium and field trip registration, abstract submission, and hotel reservations are now open. Please visit <http://www.nova.edu/ncri/11icrs/> for registration, information on scientific sessions and the overall details of the meeting.

Questions? For General Information please contact the Secretariat at ncopen@faseb.org

For Exhibits: jlash@faseb.org

For Sponsorships: rosemann@nova.edu

11th International Coral Reef Symposium 2008:

www.nova.edu/ncri/11icrs

MarineNZ.org.nz goes live!!!

Introducing a whole new way to see the ocean in NZ!

Ever wanted to know more about what's happening in the Pacific????

Well we've just launched a comprehensive website which will let you know what's happening in NZ waters!

Click on the link below, or keep reading to learn more about the website itself.

www.marineNZ.org.nz

This fall, *Battery Park City Parks Conservancy* (BPCPC) sponsors **GO FISH** days of catch-and-release fishing on Saturdays September 15 and October 20. BPCPC also offers the lunchtime **GONE FISHING** Fridays, September 21 and October 12. These free events are open to park visitors of all ages and take place in Robert F. Wagner, Jr. Park.

Battery Park City Parks Conservancy, the non-profit organization that operates and maintains the parks of Battery Park City, offers over 1,000 events and recreational activities for families, children, teens, and adults from May 1 through October 31.

*For a free 2007 program calendar, call 212.267.9700 or e-mail info@bpcparks.org.
BPCPC also manages the Community Center at Stuyvesant High School. Visit www.ccshts.org*

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England seamounts to those in the Hawaiian Islands.

Registration is required and space is limited. Morning coffee, lunch, the curriculum with CD-ROM, a Certificate of Participation, and take-home materials will be provided for each participant.

To register, complete the conference registration form, available at: www.naaee.org, or see the conference brochure attached to this announcement

Online conference registration deadline is November 1, 2007

The Education and Outreach Office at NOAA Fisheries/Northwest Fisheries Science Center is happy to make a film and curriculum booklet about oceanography and the study of harmful algal blooms available to marine science educators. The 20-minute film, titled *Science at Sea: The Hunt for Killer Algae*, documents the work of a team of scientists aboard a month-long cruise in the fall of 2006, pursuing the answer to current problems of harmful algal blooms (HABs) on the coast of Washington. The film was made in order to convey the complexity of real-world science, the essence of collaboration in the sciences, and inspire students to explore oceanography as a possible career. The film is aimed at a high school audience, but is appropriate for early college or junior high students as well. Accompanying the film is a 43-page curriculum booklet (The Harmful Algal Bloom Hunter's Handbook) with activities and experiments, a glossary, cruise journal, phytoplankton identification chart, and other resources relevant to teaching basic oceanography and harmful algal blooms. The activities range in level from grades 5-10, but most could be adapted for younger students or provide a basis for a thorough oceanography/HAB unit for older students. These materials are available for free and by request, and will be sent on a single DVD - the film is viewable on a DVD player and the curriculum booklet on a computer using Adobe Reader. We will be mailing materials at the end of the month, so if you would like to request one please send an email with name and address to Shelly.Nance@noaa.gov by August 30th. Requests received after August 30th will be sent out at the end of September.

The DEC's web address changed a few months ago; it is now <http://www.dec.ny.gov/>. Access the Hudson River lesson plans directly by going to <http://www.dec.ny.gov/education/25386.html>.

Other Hudson River information is available through the Lands and Waters section of the DEC website. From the DEC homepage, link to the Hudson River and estuary under the headings "Lakes, Rivers, Watersheds, and Groundwater" and "Oceans and Estuaries."

NRDC has a new website <http://www.nrdcactionfund.org/>

The SeaWorld Veterinary Externship program is now live on SeaWorld.org. It can be found on the Career Resources main page. <http://www.seaworld.org/career-resources/index.htm>

Throughout the year, Clean Ocean Action holds many special events, which offer unique opportunities for individuals and businesses to support COA's ocean protection efforts. Hundreds of families, businesses, and elected officials from the New York and New Jersey region make their way to the Jersey Shore for our sea-worthy events and fundraisers. Whether you're a Beach Sweeper, angler, surfer, golfer, or avid party-goer, there is much to get involved in, enjoy, and celebrate.

We invite you to join a new email list that solely informs people of Clean Ocean Action special events. Special "Save the Date" notices about upcoming events will be sent periodically throughout the year.

To sign up for the "Sea Soiree" Events Email List, please contact Emily Hackett, COA's Program Coordinator at (732) 872-0111 or programs@cleanoceanaction.org <<mailto:programs@cleanoceanaction.org>>

If you'd like access to cutting edge research and issues about coastal ocean observing in the Gulf of Maine, why not subscribe to the Gulf of Maine Monitor (<http://www.cooa.unh.edu/publications.jsp>)? Each issue of the Monitor is beautifully illustrated, easy to understand, and explores timely issues surrounding the western Gulf of Maine (such as the effects of the recent spring storm on the spring bloom).

The Monitor is published quarterly and is completely free of charge. Subscribers receive an e-mail notification when a new issue is released. To subscribe go to: http://www.cooa.unh.edu/monitor_subscribe.jsp.

The UNH Coastal Observing Center offers many terrific education resources for download from its website (<http://www.cooa.unh.edu/education.jsp>) and an improved data access tool for obtaining buoy, boat, and satellite data. Check it out!

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See what's new at AOL.com and Make AOL Your Homepage.