



Announcements February 26th, 2007 www.NYSMEA.org

**Save the Date – NYSMEA Conference – June 3rd
American Museum of Natural History and
The South Street Seaport Museum**

NYSMEA Board Meeting - New York Aquarium –
All welcome to Next board Meeting, March 25th at 11:00 AM (parking to attendees free)
2:00 PM tour of Aquarium (Parking \$10:00) admission free to NYSMEA members.
All others (non-members of NYSMEA) can get a group rate of \$5.25 per person.
(So if you do the math – If you join NYSMEA ([\\$15.00](#)) and come to the board meeting –
you will have a great time, the day will be free and
you will have joined a great organization!)

2nd Environmental Studies Summit @ Syracuse
June 7-9, 2007
Hosted by [Syracuse University](#) and the
[State University of New York College of Environmental Science and Forestry \(SUNY-ESF\)](#)

<http://enspire.syr.edu/Summit/>

Tropical Marine Biology in Australia MCCD Study Abroad Program
Join trip to Queensland, Australia
June 8 to July 1, 2007. (includes travel time)
<http://www.pc.maricopa.edu/Biology/ppepe/au/auweb.htm>

Presidential Awards for Excellence in Mathematics and Science Teaching (PAEMST)
<http://www.paemst.org/page.cfm?pageID=2>

Participate in a Survey and Win a Prize!
TERC and NOAA's National Estuarine Research Reserve System (NERRS) are
developing teaching and professional development materials about
estuaries, watersheds, and related concepts. Teachers and Informal
Educators are invited to help by sharing thoughts and opinions about

teaching these topics in an anonymous, online, needs assessment survey (in English: <http://www.surveymonkey.com/s.asp?u=359273229697>; en Español: <http://www.surveymonkey.com/s.asp?u=344613252368>). All respondents get online access to curriculum materials and are eligible for a raffle for memberships and educational materials donated by some fabulous professional organizations.

Lecture series at Wallerstein School of Environmental Science at NYU
<http://steinhardt.nyu.edu/wallerstein/events.php>

\$1,000 for student teams to create web sites
Grant Title: ThinkQuest International 2007
Organization: ThinkQuest and Oracle Education Foundation
Eligibility: Students ages 9-19, and teachers
Value: \$750-\$1,000
Deadline: April 16, 2007

ThinkQuest inspires students to think, connect, create, and share. Students work in teams to build innovative and educational web sites to share with the world. Along the way, they learn research, writing, teamwork, and technology skills and compete for exciting prizes. Sponsored by the Oracle Education Foundation, the competition offers a unique project-based learning experience to students and teachers across the globe. Everybody wins by having their completed websites published in the ThinkQuest Library, a rich online resource visited by millions monthly.

Contact: <http://www.thinkquest.org>

Ongoing courses at American Museum of Natural History
<http://learn.amnh.org/>

The 2006 edition of "Learning Ocean Science Through Ocean Exploration, A Curriculum for Grades 6-12" is now available on the NOAA Ocean Exploration Web site at:

<http://www.oceanexplorer.noaa.gov/edu/curriculum/welcome.html>

This edition has been updated with minor changes to a few of the 26 Lesson Plan activities contained within this curriculum. No substantial content changes have been made from earlier editions.

Are you looking for new resources for teaching ocean science? Looking for ways to excite students about the ocean?

The Woods Hole Oceanographic Institution is offering, FREE to educators, eight different students' books on ocean science, with teacher's classroom resource kits.

High-interest topics include dolphins, deep ocean exploration, the Arctic, hydrothermal vents, and more!

See the ocean from the scientist's point of view: what makes scientists curious, how they approach their work, and how they go about answering questions about the ocean. Suitable for intermediate readers, filled with remarkable images, and conforming to national science teaching standards.

Available as
Classroom Kits (while supplies last) with 30 copies of one title plus teacher's resource material
or Book Packages of 5 of each title (40 books).

Topics, grades 4-6: the Gulf Stream, a Research Cruise, Dolphin Behavior, the Arctic.
Topics, grades 6-8: Deep Ocean Discovery, Hydrothermal Vents, Declining Resources, What Killed the Dinosaurs

To order (for a shipping and handling charge) or for more information, please visit the WHOI Sea Grant web page:
<http://www.whoi.edu/seagrant/whatsnew/turnstone.html>

PASCO Probeware Workshop at Shoreham H.S. Feb 28th
http://www.pasco.com/workshops/workshop_detail.cfm?eventID=146

Jan 17, 2007 Newsday Interview with Carl Safina of the Blue Ocean Institute.
<http://www.newsday.com/news/columnists/ny-bzgalant5071311jan29,0,2236417.column?coll=ny-news-columnists>

Anyone interested in communicating a "whole of system" approach to understanding coral reefs might consider three educational products from the Great Barrier Reef experience:

The Blue Highway is a A3 poster highlighting the importance of ecosystem connectivity and the role non-reefal habitats can play in overall reef function. This product visualizes the life cycle of the Red Emperor from its spawning behavior on offshore reefs, through the larval journey in the plankton to inshore nursery environments and offshore again via a series of inter-reefal habitats that are described in more detail on the reverse of the poster.

The Catchment to Reef poster and booklet further expands the whole-of-system understanding of the GBR by highlighting connections, ecological and physical, between land, sea and reef. It outlines the key freshwater connections / processes and describes the impacts of human activities on the freshwater environments of GBR catchments and the consequences for the marine environment. A list of resources is

provided.

Finally, and just off the press, *Nutrients, Catchments and Reefs* is an account of nutrient processes and pathways in the Great Barrier Reef catchment. It highlights the ways in which land use can impact on natural nutrient cycles and water quality in freshwater and inshore marine environments.

Printed copies of the *Blue Highway* can be requested from the Great Barrier Reef Marine Park Authority: <http://www.gbrmpa.gov.au/>

Printed copies of the other publications can be requested from the Catchment to Reef website:
<http://www.catchmentoreef.com.au/>

Felimon Gayanilo and John W. McManus (with lots of help from advisors and sponsors) have designed and built an educational game about coral reef management, *ReefRanger Hawaii*, sponsored by the truly visionary leadership of the Hawaiian Coral Reef Initiative. The player faces a series of cameras focused on parts of the hypothetical watershed and reef. Responses to questions lead to recovery or damage, and credits towards promotion (or not). The imagery consists of a large number of video clips from custom-built 3D animations, linked to questions via custom software, both built by Felimon. Instructors can easily customize the questions simply by filling in some digital forms.

The game is intended to help inform students and others about the complexities of managing coral reefs. All of the scenes display Hawaiian species. However, the question series address a lot of widespread issues.

The game will likely be in official final form by May 2007. However, please feel free to download the near-final program at www.ncoremiami.org and send us feedback so that we can keep improving it. More information is also available at the game's more permanent home, the HCRI website www.hawaii.edu/ssri/hcri/.

Two tips from Terry Ippolito Teresa ippolito/R2/USEPA/US@EPA at the EPA-

<http://rockcastle.org/index.html>

which features neat science activities

and: <http://www.educationworld.com/index.shtml>

which those of us who need to keep up with the latest in education, will find interesting!

Billed as a Web site that tells you about what is "happening at the intersection of science and culture in New York for scientists, non-scientists, kids, and adults,"

<http://www.scienceandthecity.org>

Watershed Forestry Institute – July 30th- August 3rd
<http://www.catskillcenter.org/summer.html>

National Estuary Research and Reserve System –
A Great resource <http://nerrs.noaa.gov/>

4/14 SCONYC Conference Stuyvesant High School
www.sconyc-ny.org

This compilation by the Green Schools Initiative catalogues funding sources for eliminating toxins, using resources sustainably, creating green, healthy spaces, and teaching stewardship.
<http://www.greenschools.net/news/index.html>

Donorschoose.org is a website/nonprofit where teachers can submit proposals for equipment, etc., needed in their classrooms. Donors then go to the site and choose projects they would like to fund. Some projects up to \$4,000, but it looks like most are small. Those under \$1,000 tend to get funded first. Article about the organization is at <http://www.slate.com/id/2159771/>

<http://www.bronxriver.org/swimmableNYC.cfm>
Nice links, resources

Northeast Reef Aquarium Conference at Atlantis Marine World
March 10th and 11th
<http://www.bronxriver.org/swimmableNYC.cfm>

Workshop: Writing From Nature: Blazing a Trail from Field Journal to Publication
http://www.highlightsfoundation.org/pages/current/FWsched_natureWrite_07.html

JOBS JOBS JOBS

INTERNSHIP OPPORTUNITY ANNOUNCEMENT--2007 Interpretive Programs and Visitor Services
Grey Towers National Historic Site, Milford, PA, Go to www.nysmea.org/jobs

Marine Environmental Research Institute, Maine Summer Internships

<http://www.meriresearch.org/work/internships.html>

The Bruce Museum in Greenwich, Connecticut, has an opening for a summer naturalist at our satellite marine educational facility along the coast of Long Island Sound. Details at www.NYSMEA.org/jobs

Jobs at Dolphinquest in Hawaii

<http://dolphinquest.org/careerquest/opportunities/index.php?aID=5z1>

The Charles Darwin Foundation for the Galapagos Islands (CDF) seeks a Head of Marine Sciences, to work at the Charles Darwin Research Station (CDRS), based on Santa Cruz Island, Galapagos Details at www.NYSMEA.org/jobs

Trainer & Curriculum Developer for Local and International Education
The Education Department of the Wildlife Conservation Society, based at the world-famous Bronx Zoo,
www.NYSMEA.org/jobs

Jobs at the Science Barge in NYC. Go to www.NYSMEA.org/jobs
Employment Opportunity

Marine Biology Outreach Educator
Part time year-round position
New York Aquarium go to www.NYSMEA.org/jobs

Students - Work at Woods Hole, Mass.
<http://www.nefsc.noaa.gov/sstudent/>

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