



The Strandline

New York State Marine Education Association
Newsletter

September 2010

Dear friends of NYSMEA,

Even for those of us not in school, September often brings a "New Years Resolution" type feeling. I encourage you to think about your own impacts, and what you are doing to leave a positive stamp on our ocean and the planet. Maybe it is assisting with the International Coastal Clean Up, making a pledge to eschew bottled water, or taking your kids to your local marsh for them to observe its wonders. What legacy are you leaving behind?

September is a great month to attend some NYSMEA events. Join a committee, enjoy a Hidden Harbor tour, or participate in our Beach Clean Up at Jones Beach (see our side bar for more info on all of these). Join us in making a positive impact.

Sincerely,
Meg

Meghan Marrero, Ed.D.
President
New York State Marine Education Association
president@nysmea.org



Looking for Lesson Plans?

It's that time again-- the start of the new school year! Need some inspiration? Check out these and other [Lesson Plans](#) on our Web site!

Coral Reefs Endangered

In this lesson geared toward the Living Environment curriculum, students study coral reefs and simulate the effects of ocean acidification on these diverse ecosystems. [More...](#)

Dining Out with Fishes and Birds of the Hudson

An elementary science lesson focused on adaptations of birds and fishes in which students construct a Hudson River food web. [More...](#)

Examining Freshwater Ecosystems

A lesson geared for The Living Environment in which students observe the interactions between snails and Elodea and discuss how changes in New York State freshwater environments affect organisms. [More...](#)

The Hudson's Ups and Downs

A perfect opportunity for upper elementary/middle school students to practice reading line graphs while learning about tidal cycles. [More...](#)



Strandline (n): the high water mark; the area at the top of a beach where debris is deposited.

Upcoming Events

[Visit our Calendar](#)

for more information on these and other events!

NYSMEA Meeting: Committee Conf Calls

We'll be using this month for committee meetings. Not on a committee? [Learn more](#) and join one today!

Hidden Harbor Tour

September 14, 6PM
Leaves from SS Seaport
[NYMSEA members get a discount, only \\$21!](#)

International Coastal Cleanup Day

September 25
[Join us at Jones Beach](#) or [join a clean up](#) near you!

National Estuary Day

September 25
All throughout NY!
Various Estuary Programs

The 5th National Conference on Coastal and Estuarine Habitat Restoration

November 13-17
Galveston, Texas

CALLING ALL MIDDLE SCHOOL TEACHERS!!

Please participate in this survey: [CLICK HERE](#)

Looking for periodic updates? Join our online social networks:

Find us on Facebook

Professional Development Opportunities

Looking to learn some new skills? How about attending one of these professional development opportunities? Check out these and other [Professional Development](#) postings on our Web site!

Project WILD Aquatic, NYSDEC Educator Workshops

Thursday, September 9, 2010 from

This highly acclaimed workshop emphasizes aquatic wildlife and aquatic ecosystems. [More...](#)

Growing Up WILD, NYSDEC Educator Workshops

Wednesday, October 13, 2010

This early childhood education program builds on children's sense of wonder about nature and invites them to explore wildlife and the world around them. [More...](#)

NYSERDA (NYS Energy Research & Development Authority) Teacher Workshops

Date and location flexible

Learn how to measure your energy use and make informed, energy-wise decisions. Engage in hands-on activities, and receive a teaching tool kit you can use with your class to explore sustainability practices in energy, water, transportation, food, and the consumption of goods. [More...](#)



NYSMEA members examine a map of the Hudson River.

A Catskill Hike Through Nature and History

Sunday, September 12, 2010

The Ashokan reservoir is the 2nd largest of NYC's reservoirs holding 122 billion gallons of water. It is 9 miles long and 1.5 miles at its widest. Aaron Bennet, Regional Director for Catskill Mountainkeeper, will lead a hike through the Acorn Hill forest adjacent to the Ashokan reservoir. [More...](#)

Ever Changing Estuaries, Nassau Boces Outdoor & Environmental Education

Friday, October 8, 2010

This workshop includes instruction in basic canoe safety and technique followed by an exploration of Lloyd Harbor from Caumsett State Historic Park. [More...](#)

Long Islands' Dynamic Barrier Beaches, Nassau Boces Outdoor & Environmental Education

Tuesday, October 19, 2010

This workshop will be a comparative beach study of the bay and ocean ecosystems. [More...](#)

Job Hunting?

Stay up-to-date on the newest job postings by checking out our [Jobs Web page](#) which is updated monthly. Visit for more information on these and other jobs.

Staff members, Ashokan Center

Olivebridge, New York

Dedicated, hard-working, enthusiastic, artistic, musically-inclined, responsible and environmentally-minded staff members are needed throughout the school year to share their love of nature, history, and adventure with students of all ages.

[More...](#)

Program Instructors, Frost Valley YMCA

Frost valley, New York

Program instructors are responsible for teaching environmental education and outdoor recreation classes that combine teambuilding with high and low ropes, wildlife and forest ecology, outdoor living skills, interpretive hikes, rock climbing, arts and crafts, boating, archery and more. [More...](#)

Seasonal Environmental and Outdoor Educators, Nature's Classroom

Silver Bay (Adirondacks), New York

Through unique, hands-on experiential education programs, environmental/outdoor educators with Nature's Classroom immerse students in grades 4-8 in community awareness, motivational learning and conservation of our natural resources at one of 14 centers located in Connecticut, Maine, Massachusetts, New Hampshire, New York and Rhode Island. [More...](#)

Project Director, Working Lands Alliance

Windsor, Connecticut

American Farmland Trust (AFT) seeks an energetic self-starter to direct the Working Lands Alliance (WLA) in Connecticut. A diverse coalition of individuals and more than 200 businesses and organizations established in 2000 and dedicated to preserving Connecticut's remaining working lands, WLA has raised over \$50 million in public funding for farmland protection and successfully championed several visionary pieces of state legislation. [More...](#)

Science teacher, Science Museum of Long Island

Manhasset, New York

Full time teacher with a strong marine science background must be familiar with marine sampling methods and water quality analysis. Should have interest in maritime history and aquaculture. Opportunities for advancement. Will also be teaching other science programs. [More...](#)

Upcoming Scholarships and Grants Deadlines

There are lots of scholarships and grants out there... why not apply? Check out our [scholarships and grants](#) Web page for more on these postings and others.

Melinda Gray Ardia Environmental Foundation Grants

K-12 teachers are invited to apply for grants to develop or implement environmental curricula that integrate hands-on ecology exercises into the classroom. [More...](#)

Deadline for pre-proposals: September 20, 2010

Oceanic Research Group, Inc.

Accepting applications for the 2010 Oceanic Research Group Marine Scholarship. It offers this scholarship to help an individual pursue an educational goal. [More...](#)

Deadline: October 1, 2010

John Muir Conservation Award

The John Muir Association is accepting applications for the John Muir Conservation Award in four categories: Conservationist of the Year, Environmental Education Conservation Award, Nonprofit or Public Agency Conservation Award, and the Business Conservation Award. [More...](#)

Deadline: October 1, 2010

Lowe's Toolbox for Education Grants

The Lowe's Toolbox for Education offers grants to schools and parent/teacher groups across the United States. School projects should encourage parent involvement and build stronger community ties. [More...](#)

Deadline: October 15, 2010

CSCOR Funding

The Center for Sponsored Coastal Ocean Research (CSCOR) announces the Regional Ecosystem Prediction Program. [More...](#)

Deadline: October 21, 2010

Georgia Pacific Foundation Grants

The Georgia-Pacific Foundation supports a wide range of organizations that improve the quality of life in communities where Georgia-Pacific operates. The foundation has identified the following key investment areas: educational efforts; community enrichment; environmental programs; and entrepreneurship initiatives. [More...](#)

Deadline: October 31, 2010

The Creature Corner: YOU!

Did you know that the biggest source of water pollution doesn't come from factories dumping waste or cities dumping garbage, but from each one of us?

The biggest source of water pollution comes from the surface water washing over our driveways, parking lots and streets!? Yup, it's true-- it's called polluted stormwater or polluted runoff. Stormwater mixes with pollutants, such as fertilizers, pesticides, oil, and pet waste, that are on the hard surfaces in our neighborhood. This polluted stormwater washes into rivers or stormdrains, which in most cases, lead directly to our waterbodies, untreated!

How can you help protect our marine waters? How about trying some of these simple tips:

1. *Educate yourself and others with science-based information.* Join NYSMEA and learn from other educators, just like you! We have lots of great [Web links](#) on our Web site, as well as various [lesson plans](#) that will allow you to teach your students about water pollution. [Check it out!](#)

2. *Volunteer!* There are many groups out there that can use your help protecting our marine, fresh, and brackish waters! Visit our [volunteer](#) Web page for more ideas. Why not volunteer for International Coastal Cleanup Day on Sept 25th? Visit the [American Littoral Society](#) for more info about cleanups at your favorite beach.

3. *Make a change at home!* [The Long Island Sound Study](#) has lots of great tips on their Web site for improving water quality. Learn what you can do around your home, lawn, and even school to protect our estuaries!



Credit: Eileen Keenan

**Only
\$20!**

For \$20.00, you can become a member of the New York State Marine Education Association (NYSMEA). NYSMEA holds an annual conference, periodic meetings, lectures, workshops, field trips, and boat trips. Our Web site also includes lesson plans, job postings, research opportunities, field trip destinations, and marine-related links. Members are available to assist new teachers or old interested in developing laboratory, lecture and field work. Still not convinced? Read our [TOP FIVE REASONS TO JOIN!](#)

Be a part of NYSMEA: [CLICK HERE](#) and join today!

The New York State Marine Education Association (NYSMEA) is a 501 (c) 3 nonprofit organization that exists to promote marine awareness and encourage the growth and exchange of instructional resources.

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