



NOR' EASTER

The Newsletter of the Northeast Aquatic Plant Management Society

Vol. 4, No. 2

Fall Winter 2005

President's Message *Amy Smagula*

Dear NEAPMS Members and Friends-

The NEAPMS Board Members have been very active in planning for our upcoming meeting in January 2006. By the time you receive this newsletter, there will not be much time left to register for the Annual Meeting. I encourage you to use this as a trigger to complete your registration forms and to send them in, and to book your rooms at the Westin Providence Hotel so that you can obtain the conference rate at the facility.

This is a meeting you will not want to miss!

We have filled the pages of this newsletter with information about the meeting, the venue, and the unique opportunity to collaborate with the Northeastern Weed Science Society so that our two groups can meet together this year, sharing the same venue, resources and expertise in the realm of plant ecology and management.

I look forward to the upcoming meeting to catch up with each of you, and to see how your year has gone. As for me, I have been happy to serve as President to this great Society over the year. I have worked on tracking policy pertaining to NPDES permitting of aquatic herbicide applications, getting the scholarship program off the ground, and in general promotion of the field of aquatic plant management.

Though my year of leadership is nearly complete, I look forward to staying connected with the Northeast Aquatic Plant Management Society. I feel that our Society is a great platform that will make way for significant progress in the field of aquatic plant management. We are constantly refining our technologies and our methods because invasive aquatic plants seem to bring ever-changing challenges our way. I am glad to know there are professionals, like our members, at the helm who are addressing important aquatic plant issues.

Until January.....

Amy P. Smagula
NEAPMS President

INSIDE THIS ISSUE: 2006 NEWSS and NEAPMS Joint Conference Information

**Registration
Deadline !!!**

NEAPMS Conference Agenda and Registration Form

Scholarship Info *

New York Lake Managers Organize

Adirondack Park Volunteers Track Invasives

7th Annual NEAPMS Conference and 60th Annual NEWSS Conference
“SEND IN REGISTRATION TODAY!!!”

NORTHEAST AQUATIC PLANT MANAGEMENT SOCIETY

ANNUAL CONFERENCE

JANUARY 4 & 5, 2006

NEAPMS Welcome Reception January 3rd, 7pm

Westin Providence Providence, Rhode Island

We invite you to attend the Seventh Annual Conference of the Northeast Aquatic Plant Management Society. As usual, a full program of informative papers and presentations on aquatic plant management issues has been prepared, plus this year you have the added opportunity of participating in talks offered by the Northeastern Weed Science Society, whose conference will be going on concurrently with the NEAPMS Meeting.

Several exhibitors will be present to better acquaint you with their products and services. Recertification credits will be available for a number of Northeastern States for Certified Applicators. A Social Hour and Banquet Dinner will close out our day on Wednesday. Awards will be given to individuals in our membership during our banquet.

Your conference registration fee includes the full two-day program, two lunches, the Social Hour, and Dinner. Continental breakfast will also be served each morning. Due to the popularity of this event from 2005, we are again offering the Welcome Reception on the evening before our meeting. Please plan to join us on Tuesday night from 7:00 to 9:00pm in the Providence Function Room at the Westin Providence for a light buffet and cash bar.

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Tuesday, January 3rd

7:00 – 9:00 PM **NEAPMS Welcome Reception** A light buffet and cash bar will be offered in the Providence Function Room of the hotel.

Wednesday Morning, January 4th

8:15 – 9:30 AM **Continental Breakfast Buffet for NEAPMS**

8:15 – 9:45 AM **Registration/Exhibits-** Narragansett Area

9:45 – 10:00 AM **Welcome** Amy P. Smagula, NEAPMS President

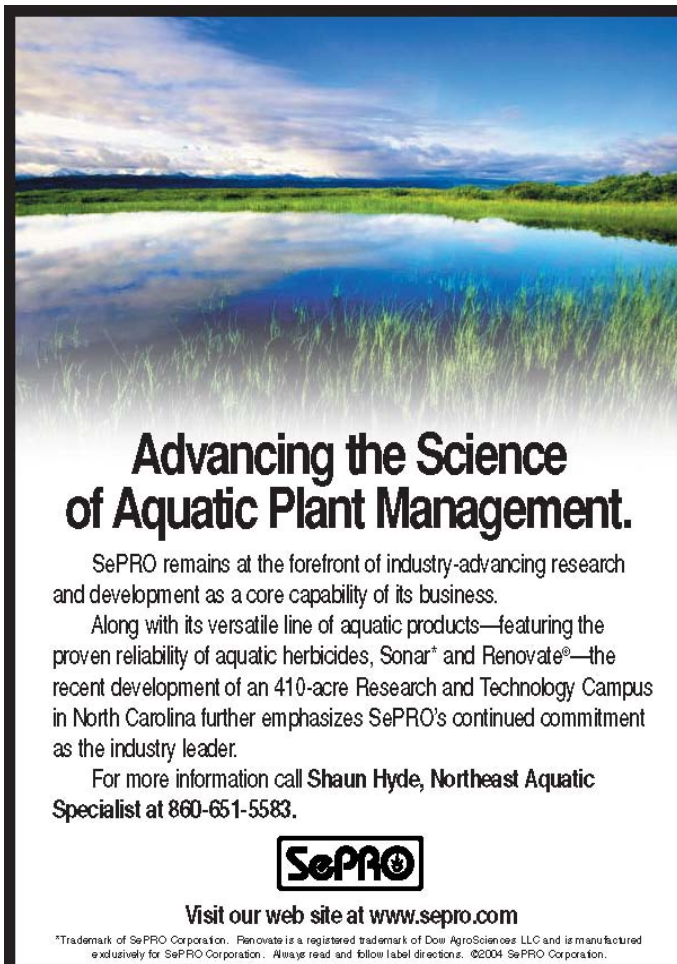
10:00 – 10:30 AM **Evaluation of Registered and EUP Herbicides for Control of Variable Milfoil**
Mike Netherland, US ACOE, CRDC

10:30 – 11:00 AM **Evaluation of an Herbicide Application on Vegetated Habitat and Structure of a Fish and Macroinvertebrate Community in Minnesota Lakes**
Eric Dibble and Jeremy Slade, Mississippi State University **Student paper**

11:00 – 11:30 AM **Use of the Aquatic Herbicide Renovate (Triclopyr) in *Phragmites australis* Control Program** David Roach, All Habitat Services

11:30 – 12:00 PM **Aluminum Treatment for Phosphorus and Algae Control: What, Why, Where, and When** Ken J. Wagner, ENSR Corporation

Noon – 1:00 PM **Lunch**




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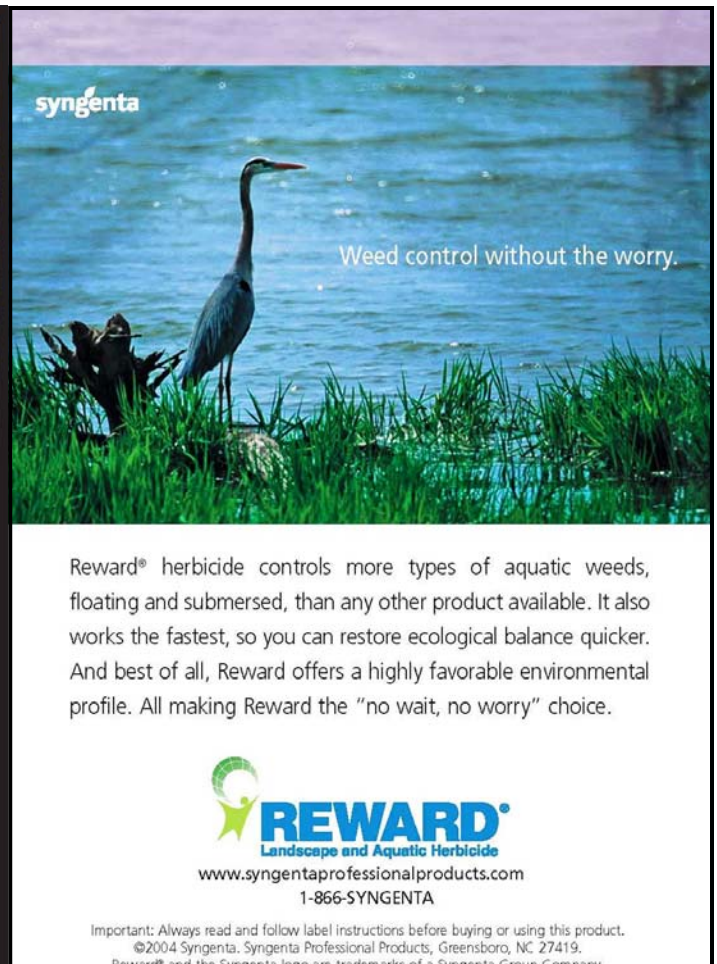
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Wednesday Afternoon, January 4th

- 1:00 – 1:05 PM **Welcome- NEAPMS/NEWSS Joint Session**
Marc Bellaud (NEAPMS) and Renee Keese (NEWSS)
- 1:05 – 1:35 PM **Keynote Address: Orifice P. Nozzlehead's View From the Boat**
Carlton Layne, AERF
- 1:35 – 2:05 PM **Integrated Aquatic Weed Management in Turfgrass Areas**
Jack Whetstone, Clemson University
- 2:05 – 2:35 PM **Biological Control of Aquatic Weeds 1959-2005**
Judy F. Shearer, US ACOE, R&D Center, Vicksburg, MS
- 2:35 – 3:05 PM **The Successful Control of Japanese Knotweed in a Riparian Setting**
Art Gover, Penn State University
- 3:05 – 3:35 PM **Break/Exhibits**
- 3:35 – 4:05 PM **The 2002 Farm Bill and Its Effect on Invasive Plant Management in New England**
Andrew Lipsky, USDA/NRCS Warwick, RI
- 4:05 – 4:35 PM **Aquatic Weed Resistance- Should I Be Worried?**
Les Glasgow, Syngenta, Greensboro, NC
- 4:35 – 4:50 PM **The IR-4 Project: New Opportunity for Aquatic Herbicide Registration in the U.S.**
Maria Arsenovic, et al., Rutgers University
- 4:50 – 5:45 PM **Plant and Algae Workshop**
Bob Johnson, Ken Wagner, Tony DiTomasso, Larry Eichler, Paul Lord, and Jason Toner
- 5:45 – 7:30 PM **NEAPMS/NEWSS Joint Cocktail Hour** Exhibits Area, Narragansett A
- 7:30 – 10:00 PM **NEAPMS Dinner Banquet & Awards** AERF and APMS Updates
- 10:00 – Wee Hours **NEAPMS Hospitality Suite**



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Thursday, January 5th

- 7:30 – 8:30 AM **Continental Breakfast Buffet for NEAPMS**
- 8:30 – 9:00 AM **Land Use Practice Impacts on Northeast Aquatic Plant Management**
Paul H. Lord, Cornell University
- 9:00 – 9:30 AM **Water Quality Affects Due to a Continuous Lake-Wide Milfoil (*Myriophyllum heterophyllum x pinnatum*) Canopy in a Shallow CT Lake**
George Knoecklein, Northeast Aquatic Research
- 9:30 – 10:00 AM **A New Standard for Defining Aquatic Plant Community Composition in New York**
Scott Kishbaugh, NYSDEC and Paul Lord, Cornell University
- 10:00 – 10:30 AM **Break/Exhibits**
- 10:30 – 11:00 AM **Muskrat House Abundance, Water Level Management, and Cattail Control within Upper St. Lawrence River Tributary Wetlands**
Jason Toner, SUNY-ESF, Syracuse, NY **Student paper**
- 11:00 – 11:30 AM **Portrait of the Health Status of Lakes: Lake Memphremagog, Quebec**
Camille Rivard-Sirois, RAPPEL
- 11:30 – Noon **NEAPMS Business Meeting**
- Noon – 1:00 PM **Lunch**
- 1:00 – 1:45 PM **Industry Updates**
- 1:45 – 2:15 PM **Biological Control of Eurasian watermilfoil by the moth and weevil: Fact and Fiction**
Bob Johnson, Cornell University
- 2:15 – 2:45 PM **Ten Years of Variable Water Milfoil Control in Bashan Lake. What Have We Learned?**
Greg Bugbee, CT Ag Experimental Station
- 2:45 – 3:15 PM **A Unique Combination of Agencies and Companies Working Towards Successful Management of Invasive Plants**
Lee Lyman, Lycott Environmental
- 3:15 – 3:45 PM **Project Updates:** Lake St. Catherine, VT - 1 year Post Treatment
Waneta Lake, NY - 2 years Post Treatment
Houghton Lake, MI - 3 years Post Treatment
- 3:45PM **Wrap up and adjourn**

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Volunteers Track Invasive Exotic Plant Species in the Adirondack Park

Lawrence Eichler, Darrin Fresh Water Institute

Invasive exotic plant and animal species are recognized as one of the major threats to aquatic resources within the Adirondack Park of New York State. The best-known and most troubling exotic aquatic plants are Eurasian watermilfoil and European waterchestnut.



Eurasian watermilfoil

These non-native species, with no natural enemies present, rapidly grow and overwhelm native plants and animals. Millions of dollars are spent annually in New York State alone to control these nuisance species. With more than 2800 lakes in the Adirondack Park, early detection of invasive aquatic plant species by professionals is nearly impossible. In 2002, a volunteer program was developed to attempt to bridge this gap.



European waterchestnut

The Adirondack Park Invasive Plant Program (APIPP) is a co-operative effort among the Adirondack Nature Conservancy, Adirondack Park Agency, NYS Department of Transportation, NYS DEC, NYS Invasive Plant Council, Darrin Freshwater Institute and numerous other Adirondack organizations. Annual training sessions for volunteers provide technical expertise and logistics to prepare the volunteers to identify and survey for invasive aquatic plants. To date, this program has trained nearly 300 volunteers, who have surveyed 160 lakes in the Adirondack Park. Invasive aquatic plant species have been located in 49 waters within the Park, and lake groups have initiated management efforts in 20 locations. Early detection and management is the only mechanism to offer any chance of eradicating these species before they become widely distributed within the Adirondack Park. For more information log on to www.adkinvasives.com.

Can You Identify These Invasives?
For ID Check Out the Plant ID Workshop on January 4th



UGA058



Too Many Weeds Spoil the Fishing



Exotic invasive aquatic plants such as Hydrilla, Eurasian Water Milfoil, Curlyleaf Pondweed, Water Chestnut and Water Hyacinth can be detrimental to a healthy fishery in lakes across the country.

These invasive plants when left unmanaged can alter the ecosystem of lakes and reservoirs, causing a decline in the fishery, as well as interfering with other valued uses of waterbodies.

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New Organization (NYSAMA) formed in New York

NY professional lake managers organize

Over the summer of 2005, commercial lake managers active in New York met and established the New York State Aquatic Managers Association, Inc. (NYSAMA). The Association was formed to improve industry communication with the Department of Environmental Conservation, to raise the quality of services provided by its membership, and to support the use of all lake management tools, including aquatic herbicides, in New York State.

Still in its first few months of existence, NYSAMA's paid membership already boasts more than 75% of the lake management firms licensed and active in New York, and has begun accepting members from the 400+ individuals holding NY licenses for aquatic pesticide use. Supporting members also include individuals, businesses, and organizations supporting aquatic plant management in New York.

NYSAMA's Board of Directors held a meeting on August 31 with NYSDEC's Pesticide Bureau Chief, Maureen Serafini, and is planning to request future meetings with key staff from the Division of Water and the Division of Environmental Permits. The main topic of these meetings is the new aquatic pesticide permit process. NYSAMA also plans to address the use of aluminum sulfate and permitting for aquatic plant harvesting as future topics of concern.

NYSAMA hopes that through organization, it can form a bridge between NYSDEC Executive and Regulatory staff and the clientele of its membership, which encompass seasonal lake communities, potable water reservoirs, golf courses, pond owners and recreational fishermen and boaters. For more information on NYSAMA membership, please contact one of the Board Members listed below:

President – Glenn Sullivan -
glenn@alliedbiological.com

Vice-President – David Adrian -
Aquachart@aol.com

Secretary/Treasurer – Mark
Roland - *lifeinc@optonline.net*

Director – Frank Maier
burdenaquatics@aol.com

Director – Rebecca Withers
cleanlakesinc@aol.com

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Graduate and Undergraduate Scholarships and Stipends



The Northeast Aquatic Plant Management Society
announces the availability of scholarship monies for
students pursuing degrees in
AQUATIC PLANT MANAGEMENT.



Graduate scholarships can range up to \$2500.00 per year for two or three
years (maximum), depending on the degree pursued.

Undergraduate students interested in participating in an internship in
Aquatic Plant Management can be eligible for a stipend to pay for salary
and/or related expenses during the internship.

***For more detailed information visit the NEAPMS website at
www.neapms.net***

*or contact Amy Smagula at
603-271-2248 or asmagula@des.state.nh.us*

2006 NEWSS & NEAPMS JOINT CONFERENCE

This joint conference will be the 60th Annual Meeting of the NEWSS (The Northeastern Weed Science Society and the 7th Annual Conference of the NEAPMS (Northeast Aquatic Plant Management Society)).

This conference will be held January 3rd through the 6th in Providence, RI, at the Westin Providence Hotel. One West Exchange Street, Providence, Rhode Island 02903
Phone: 401-598-8000 or 1-888-625-5144

Check out the NEWSS web site for the Northeastern Weed Science Society's Conference sessions and presentations at <http://www.newss.org/>

The Westin Providence

<http://www.westinprovidence.com>



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Northeast Aquatic Plant Management Society
2006 Conference Registration Form
January 4 & 5, 2006

**Beat the
Deadline
Send in this
Registration
Now !!!**

Name: _____

Affiliation: _____

Address: _____

Phone: _____ **Fax:** _____

E-mail: _____

Government Personnel In Need of Funding Assistance? Yes No

If you circled yes, a NEAPMS representative will be in contact with you. *If you are granted a registration waiver, we do ask that you pay the \$40 membership fee to become a member of the Society.*

Student

There is no registration fee for students. Check here if you are a student _____

Individual Registration: \$ _____

\$125.00 includes one conference registration fee and membership for 2006.

Sustaining Membership: \$ _____

\$500.00 includes one conference registration fee, one membership for 2006, one exhibit space, a link on the NEAPMS webpage, and a Bronze sponsorship credit.

Late Fee: \$ _____

Add \$25 to registration fee if registering at the door.

Total Enclosed: \$ _____

Hotel reservations can be made online or by calling 1-888-625-5144. For online reservation information please visit the NEAPMS website for a link to the hotel site at www.neapms.net. Please be sure to reference the NE Aquatic Plant Management Society. Rates are \$109.00/night, plus tax for single or double rooms. Reservations must be made by December 15th to receive the conference rate.

Please mail this completed form and a check payable to NEAPMS to:

NEAPMS
PO Box 142
Chester, NJ 07930



Mission Statement

The Purpose of the Society shall be to assist in the management of aquatic vegetation, to provide for the scientific and educational advancement of members, to encourage scientific research in all facets of aquatic plant management, to promote and exchange of information among members and to extend and develop public understanding in the discipline.

Check out our website:

<http://www.neapms.net>



Northeast Aquatic Plant Management Society

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Chester, New Jersey 07930