

# WATERWORKS

*New York State Federation of Lake Associations, Inc.*

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## Martin Elected NALMS President-Elect

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Michael R. Martin, president of Cedar Eden Environmental, LLC in Saranac Lake, was elected president-elect of the North American Lake Management Society (NALMS) at its International Symposium convened in Victoria, BC, Canada. Michael is a former member of the NYSFOLA Board of Directors and has been a

regular exhibitor, speaker and photographer, at NYSFOLA's annual conferences.

NALMS is an international society with the mission of forging partnerships among citizens, scientists, and professionals to foster management and protection of lakes and reservoirs for today and tomorrow. The society's main goal is to make lakes and reservoirs better for all who use them and/or live on them. NALMS has 1,400 members in 17 countries and 24 state and provincial chapters representing 9,000 members in the United States and Canada. NYSFOLA is the New York State Chapter of NALMS.

Martin was previously the Region 2 (New York, New Jersey, and Puerto Rico) Representative to the NALMS Board of Directors. He was succeeded by Matt Albright of the SUNY Oneonta Biological Field Station in Cooperstown. Matt is also a regular NYSFOLA conference speaker, and we look forward to having two strong voices for New York lakes on the NALMS Board. Congratulations to Michael and Matt!

*NYSFOLA's mission. is to protect the water resources of New York State by assisting local organizations and individuals through public dialogue. education, information exchange and collaborative efforts.*

**New York State  
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Nancy Mueller

**WATERWORKS**

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*All letters to the editor represent the viewpoints of the author and may or may not reflect the opinion of the NYSFOLA membership or Board of Directors.*

***From the Manager...by Nancy Mueller***

*President Bob is hibernating down at Melody Lake, so I am taking this opportunity to use his space.*

*The office is beginning to "buzz" again with conference reservations and CSLAP activity. Dues are coming in for the 2005 calendar year, and many of you are beginning to contemplate the needs of your lake as the recreation season approaches. (My apologies to the ice fisherman who believe that the season is ending!)*

*As your questions and/or concerns arise throughout the year, don't forget NYSFOLA. So many lake association members pay their dues, and read their "Waterworks" but don't take full advantage of everything we have to offer. We love hearing from you! The members who call, write, or e-mail us here at NYSFOLA headquarters are usually glad that they did. It is also an opportunity for us to learn more about the current needs of the membership.*

*Over the last few years we have assisted with topics ranging from algae to zebra mussels: including (but by no means limited to) by-laws, insurance, lake ownership, herbicides, and even the impact of fireworks on water quality (negligible, by the way).*

*We are in the midst of a major update to our website. It will take some time to complete, but we will be adding a list-serve to enhance your ability to talk to one another. We hope that you will share your questions, frustrations and solutions with other lakes.*

*Finally, we hope that you will seriously consider sending someone from your lake association to the annual meeting and conference. We promise that those who attend will return to your lake with a wealth of information. It is also a lot of fun and the best opportunity to meet the Board members, talk with vendors of lake related products and services, and share experiences with folks from other lake associations.*

*I hope to see you at White Eagle ,  
Nancy Mueller, Manager*



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# **“ The State of New York’s Lakes: Past, Present and Future”**

NYSFOLA Annual Conference and Membership Meeting  
April 29-May 1, 2005  
White Eagle Conference Center– Hamilton, NY

*NYSFOLA and NALMS invite you to a special celebration. On Friday April 29th, scientists from around the state will gather to discuss twenty years of research on some of New York’s large lakes.*

*We also welcome SUNY Delhi’s Office of Continuing Education to our 2005 Meeting. They will be holding a course entitled “Inspections of Existing Residential Wastewater Treatment Systems.”*

*A special invitation to all CSLAP volunteers as we celebrate the 20th anniversary of the program.*



**Friday April 29, 2005**



7:30AM Registration for SUNY Delhi Course  
which will start at 8:30AM  
8:00-9:30AM Breakfast- White Eagle Lodge  
9:30-10:00AM Registration at the Appley Center  
10:00-10:15AM Welcome  
10:15AM-12:00PM Sessions Begin at the Appley Center

## **New York’s Large Lakes: A Research Symposium**

10:15-11:00AM **“Otsego Lake: 60 Years of Change”**  
Dr. Willard Harman, SUNY Oneonta Biological Field Station  
11:00-11:15AM **BREAK**  
11:15AM-12:00PM **“Retrospective Analysis of the Water Quality of Onondaga Lake: Decades of Research”** Dr. Steve Effler, Upstate Freshwater Institute, Syracuse, NY  
12:00-1:00PM **LUNCH, Commercial Exhibits**  
1:00-1:45PM **“Chasing Ecological Change: The Oneida Lake Story”**  
Dr. Ed Mills, Cornell University  
1:45PM-2:30PM **“Decades of Research on Lake George”**  
(speaker TBA) Darrin Fresh Water Institute, Bolton Landing, NY  
2:30-3:00PM **BREAK**  
3:00-3:45PM **Discussion Session**  
3:45-4:30PM **“Honeoye Lake: What’s New? What’s Changed? And What Remains the Same?”** Dr. Bruce Gilman, Community College of the Finger Lakes  
(3:00PM – NYSFOLA Board of Directors Meeting)

## **NYS Onsite Wastewater Treatment Training Network**

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## Inspections of Existing Residential Wastewater Treatment Systems

### Sponsored by SUNY Delhi

Gain the basic skills required for inspections through classroom presentation, interactive exercises and applied use of reference materials. Topics include: overview of inspection process and equipment; uniform inspection documentation; understanding roles of the inspector, property owner, regulator, contractor and realtor; basics of conventional, alternative and home-made system inspections; determining functionality and reporting findings with standardized forms. Trained participants will be assigned an OTN inspection registration number.

This class is designed for wastewater professionals. A mini-version for our NYSFOLA "layperson" members will be held on Saturday afternoon (see Session B3).

**Please note: Registration for the inspection course must be made with SUNY Delhi by calling (607) 746-4504. Registration must be made one week prior to the start date of the course. Friday lunch is included in that registration. All other meal and room requirements of NYSFOLA conference fees (Saturday and Sunday) must be made with NYSFOLA.**

5:00-6:00PM	<b>Cocktails</b>
6:00-7:00PM	<b>Dinner</b> — <del>White Eagle Lodge</del>
7:00-9:00PM	<b>Welcome and Open Discussion:</b> What's happening at your lake, and what can we do to help?
9:00PM-10:00PM	<b>Tepee Open for Refreshments</b>



### Saturday April 30, 2005

7:00-8:00AM	Breakfast, White Eagle Lodge
8:00-4:00PM	Registration at the Appley Center, Commercial Exhibits, Silent Auction
8:45AM	Welcome – President Bob Rosati

### Session A1: Aquatic Macrophyte Management

9:00-9:35AM	<b><i>NYS Invasive Species Task Force Update</i></b> Suzanne Maloney, Task Force Member and NYSFOLA Board of Directors
9:45-10:20AM	<b><i>"Revisions to the NYS Pesticide Program"</i></b> Anthony Lamano, NYS Department of Environmental Conservation
10:20-10:40AM	Break
10:40-11:15AM	<b><i>"Houghton Lake Michigan: An Economic Impact Report"</i></b> Shaun Hyde, SePRO Corporation
11:25AM-12:00PM	<b><i>"The Science of Circulation"</i></b> Dr. Bruce Richards, Pump Systems, Inc.-SolarBee

### Session A2: Controlling Nonpoint Source Pollution From Stormwater Runoff

9:00-9:35AM	<b>Video: "After the Storm"</b> Produced by the U.S. EPA and The Weather Channel
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- 9:45-10:20AM      ***“Lakeside Land Use, Algae and Milfoil”***  
Paul Lord, Cornell University
- 10:20-10:40AM      Break
- 10:40-11:15AM      ***“Stormwater Runoff, Roadside Ditches, and Your Lake’s Health”***  
Dr. Rebecca Schneider, Cornell University, NYSFOLA Board of Directors
- 11:15AM-12:00PM      ***“Erosion Control Case Studies”***  
Donald Kuhn, Erosion Control Products

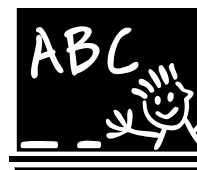


### **Session A3: Limnology 101: A Beginner’s Guide to the Science of Lakes**

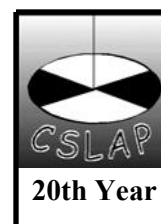
Presented by our friends from the SUNY Oneonta Biological Field Station

- 9:00-9:35AM      ***“A Beginner’s Guide to Limnology and Lake Management”***  
Dr. Bill Harman, NYSFOLA Board of Directors
- 9:45-10:20AM      ***“Aquatic Nuisance Species”*** Tom Horvath
- 10:20-10:40AM      BREAK
- 10:40-11:15AM      ***“Basic Limnology I”*** Ask your questions to the panel
- 11:25AM-12:00PM      ***“Basic Limnology II”*** More answers to your questions!

### **Session A4: Citizens Lake Assessment Program: Our 20<sup>th</sup> Season: Results and Lessons Learned – And More!**



- 9:00-9:35AM      ***“Volunteer Monitoring in NYS: From Seeds to Weeds”***  
Scott A. Kishbaugh, NYS Department of Environmental Conservation
- 9:45-10:20AM      ***“CSLAP and the PWL: Did Your Lake Make the List?”***  
Scott A. Kishbaugh, NYS Department of Environmental Conservation
- 10:20-10:40AM      BREAK
- 10:40-11:15AM      ***“A Score of CSLAP: 20 Years and Counting”***  
Scott A. Kishbaugh, NYS Department of Environmental Conservation
- 11:25AM-12:00PM      ***“Mapping Aquatic Vegetation in Your Lake”***  
Dr. Paul Lord, Cornell University



**12:00PM      LUNCH & ANNUAL NYSFOLA MEMBERSHIP MEETING**

### **Session B1: POTPOURRI OF LAKE TOPICS**

- 1:30-2:15PM      ***“Linking Research to Long Term Protection of the Finger Lakes”***  
Marion Balyszak and Sarah Meyer, Finger Lakes Institute, Geneva, NY
- 2:15-2:50PM      ***“New Internet Based Mapping and Visualization Tools for Watershed Stakeholders”***  
David Carr, Institute for the Application of Geospatial Technology, Auburn, NY
- 2:50-3:10PM      **BREAK**
- 3:10-3:45PM      ***“Laboratory and Field Tests on the Effects of AquaKleen®”***  
Eric Paul, NYS Department of Environmental Conservation
- 3:35-4:30PM      ***“Biomaniipulation for Water Quality”***  
Dr. Fred Lubnow, Princeton Hydro, LLC



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## **Session B2: Organizing for Action in the Adirondack Park**

1:30-4:30PM

*This session will examine existing and proposed mechanisms to foster collaborative lake management activities in the Adirondack region. Dr. James Skaley will discuss an on-going research project, through Cornell University, that focuses on a Finger Lakes Region model (FL-LOWPA) as a means to promote effective communication and political support. Other invited guests (TBA) will offer their insights on existing programs in the area. We strongly urge lake associations from the Adirondack Region to join us for this important discussion*



## **Session B3: “Your” Lake—Whose “Rules?”**

1:30-2:15PM

***“What’s Up, Dock?” Local Dock and Shoreline Regulations”***

Tracey Clothier, The LA Group, NYSFOLA Board of Directors

2:15-2:50PM

***“Assessing Lakefront Property”***

Speaker TBA

2:50-3:10PM

**BREAK**

3:10-4:30PM

***“Inspection of Wastewater Treatment Systems”***

*A layman’s, abbreviated version of SUNY Delhi’s wastewater treatment system inspection course. This will be designed for NYSFOLA members and anyone else who cares to join the class. This will NOT be a “for credit” version of the course.*

## **Session B4: CSLAP Training for New Volunteers**

1:30-4:30PM

*We will gather in the library and proceed to the Cleveland Building and lovely Lake Moraine for lake and lab training.*



## **Session B5: Aquatic Plant Identification Workshop**

Bob Johnson and Paul Lord, Cornell University

1:30-2:50PM

***Aquatic Plant ID Workshop, Part I***

2:50-3:10PM

**BREAK**

3:10-4:30PM

***Aquatic Plant ID Workshop, Part II***

4:30PM-5:00PM

**BREAK**

5:00-6:00PM

**Wine and Cheese Party, Sponsored by SePRO Corporation**

6:15PM

**Silent Auction Winners Announced**

6:30PM

**Banquet:** Lake Steward Award, Media Award, Lake Tear of the Cloud Award

Keynote Speaker: TBA (We hope to have a presentation the History of the Erie Canal and its Feeder Lakes.)



## **Sunday May 1<sup>st</sup>**

7:30-8:30AM

Breakfast, White Eagle Lodge

9:00AM-12:00PM

***“How to Develop an Aquatic Plant Management Plan”***

Dean Long, The LA Group, NYSFOLA Board of Directors

**Confer-**



**ence Concludes—See Page 13 For Registration Information**



## DEC Grants Available for Water Quality Improvement Projects

*From Environment DEC Newsletter*

DEC is making approximately \$20 million available to municipalities throughout New York State for water quality improvement projects (WQIP). Funding can be used for projects that focus on stormwater management and non-point source abatement and control, and in certain areas, for wastewater treatment, improvement and aquatic habitat restoration.

**Applications must be received by April 29, 2005.**

### **Environmental Protection Fund**

Statewide, the Environmental Protection Fund (EPF) will provide \$10.8 million for non-point source abatement and control projects. These funds also will be used for agricultural non-point source projects which were the subject of a recent, separate call for projects. A portion of the non-agricultural non-point source funds will be available to assist regulated communities across the state with implementation of Stormwater Phase II requirements.

### **2005 Application**

A new WQIP 2005 Application form must be submitted for projects to be considered for funding. Applications from previous years will not be carried over. This year, the WQIP application packet also includes information about how to obtain materials to apply for other funding programs.

Application materials for WQIPs have been mailed to each municipality in New York State. Copies are also available by calling (518)402-8151, or can be downloaded from DEC's web site.



## Ask Dr. Lake

Dear Dr. Lake,

*Last summer a lot of kids complained about getting all red and itchy after swimming in our lake. I looked in the water and did not see any poison ivy, but some pointy-headed guy said he saw a lot of something called *Potamogeton oakesianus* in our lake. Is this a fancy name for poison oak? Why is it growing in the lake, and what can we do about it?*

*Ben A. Drill  
Big Bad Luck Pond, NY*

Dear Ben,

There are a number of organisms and other lake stuff that can cause swimmers to suffer from bumpy red plagues, but poison ivy and poison oak are not among them. *Potamogeton oakesianus* is Oakes Pondweed, and it is an uncommon, native underwater plant. I'm glad you asked for a second opinion.

Which itch fills your lake's niche I can't say for sure; it could be contact with a bristly rooted plant, like brittle naiad or coontail, itchotoxins\* released by blue-green algae lurking on some nearby plants, bigger chiggers or feeding skeeters. It might even be caused by what some television voice-over might refer to as the "heartbreak of psoriasis"- a pre-existing or post-swimming prickle that happened to pop up after the sun went down. There is even a marine bout of the "itchies" known as Sunbathers Eruption found on New York beaches and caused by a larval form of sea anemone. But most likely, the kids (and grown ups, too) are suffering from **swimmers itch**.

Swimmers itch, sometimes known as duck itch, or its fancier name *cercarial dermatitis*, is caused by a parasitic flatworm that lives in the bloodstream and feces of birds, muskrats and mice. The flatworm eggs hatch into larvae in the water and develop into *cercaria*, the next life stage, after entering snails. Only two families of snails welcome this development. These are the *Limnaeidae* and *Physidae* families, and while they can be distinguished by their "handedness" (the *Limnaeidae* are "right handed" opening on the right side, while the *Physidae* are southpaws), only snail nerds can tell these snails from the other varieties common in New York.



After about five weeks, the cercariae bid the snails farewell and roam the lake looking for warm-blooded hosts, eerily similar to a bad late-night horror flick. Humans are the unwitting recipients and bad hosts of these dinner parties. While the head burrows into human skin, the cercariae cannot survive, and it will break off after penetrating the skin leaving a raised, reddened bump and tingling sensation as its not-so-thoughtful parting gift.

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\* Not a real word but one which describes a real phenomenon



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Itching and skin tenderness will arrive shortly thereafter, depart after a few hours, and may return with a vengeance for up to a week. The most susceptible targets are the ankles and lower legs, although the stomach and arms may also be impacted on the bumpy road to recovery.

***That sounds awful!***

Actually, it can get worse. Some swimmers have allergic reactions that can lead to pretty intense pain. In some cases, bad luck swimmers need to be hospitalized or can suffer increasing susceptibility to lesser exposure to the cercariae.

***So what can we do about it?***

The best and easiest remedy for swimmers exposed to the itching parasite is to towel off vigorously immediately after leaving the water. This will dislodge the cercariae before they have an opportunity to burrow into your skin. This is particularly important in those months when the confluence of high water temperature, larval life stage of the flatworm, high duck populations, and many splashing swimmers result in maximized exposure. In New York lakes, this tends to be the month of July.

There is some evidence that the cercariae are released on warm days following cold spells, or that they tend to congregate along the southern and eastern shores, or wherever the prevailing wind drift takes them. But these are not hard or fast rules. However, at least in New York, many of the itchfests tend to occur in muddy or weedy lake areas, even earlier in the summer.

Since the flatworm life cycle requires exposure to snails and warm-blooded animals, swimmers itch cycles are often broken by attacking one or both of the hosts. Waterfowl control can be achieved by common sense methods (Don't Feed the Ducks!) or scientific methods (innoculating the waterfowl, as was attempted by the NYSDEC on several New York State lakes). Snail control can be achieved with the application of copper sulfate, the same chemical used to control noxious algae growth. This must be applied by certified pesticide applicators. In several Midwestern states, lake residents have also had some luck in physically disrupting the habitat of the snails by rototilling the lake bottom and exposing the snail eggs to predators. (What else would you do in your spare summer hours?)

But, for most lake users, a good course towel will do the trick!  
Swimming anyone?

*Good Luck! And thanks for asking,*

***Dr. Lake***





# CSLAPpenings

## *Celebrating Our 20th Season*

*Thank you to all of the volunteers who have contributed to CSLAP during the last two decades. We hope that you will join us for a special anniversary celebration at the annual conference. Think spring!*

Dear CSLAP Volunteers,

The snow is finally melting, and spring shows signs of its arrival at last. At the NYSFOLA office, the harbingers of spring include ordering equipment, making the lists, and checking them twice so that the preparation of boxes, bags, filters, and tags can begin again. There are still a lot of lakes that have not paid their 2005 NYSFOLA dues and/or CSLAP participation fee. Please remit them as soon as possible. Even if your treasurer is in Florida, let us know whether or not you plan to participate. Forms are available at [www.nysfola.org](http://www.nysfola.org) or in your December "Waterworks."

As in past seasons, most things will remain the same, but there will be a few changes. **Please make sure that you read the protocol updates supplied with your bottles.** Notably, we will be filtering larger volumes of water for the chlorophyll sample this year. There may also be some changes in the way we print and ship the UPS labels. We're still determining the best method to prepay your return shipping while keeping the UPS driver happy, but it is likely that you will not receive all 8 labels at one time.

### **THOSE OF YOU USING THE U.S. POSTAL SERVICE, PLEASE TAKE NOTE!**

We are not renewing the prepaid Business Reply account for a multitude of reasons. The primary one being that Business Reply mail is considered "third class," and coolers were getting warm waiting for delivery. Please DESTROY ANY REMAINING ADDRESS CARDS YOU HAVE IN YOUR POSSESSION. Your CSLAP participation fee was reduced by \$60 so that your lake association could cover the postage for the 8 trips your cooler will make to the lab. Please ship the samples by Priority Mail and make sure that your lake association reimburses you for your efforts.

Scott is working on the 2004 reports, but we're going to ask one more favor of you which will enable us to get the 2005 reports out before the Fourth of July. Whether or not you have completed 8 rounds of sampling, **please consider October 31st (Halloween) as the cut-off date for shipping samples to the lab.** Our data will come back from the lab in a more timely fashion if sampling ends before Thanksgiving! We do want to offer a bravery award to the volunteers from Mirror Lake who tenaciously faced the late fall weather in Lake Placid for a final round on November 17th!

Sincerely,  
Scott A. Kishbaugh, NYS DEC and Nancy J. Mueller, NYSFOLA



## Guarding Water Gardens Against Invasive Species

By Marie Zhuikov, Minnesota Sea Grant  
Reprinted with permission

Water gardening is increasing in popularity as a hobby. The peaceful sound of trickling water and the serene gliding of goldfish spread joy and peace to water gardeners. However, if water gardeners are not careful, their gardens could also spread invasive plants and animals into the local environment.

The **University of Minnesota Sea Grant Program** is leading several projects that investigate release pathways posed by water gardening and methods to educate consumers about how to avoid accidentally releasing aquarium and aquatic invasive species (AIS). These species can include fish, plants, crayfish, snails, and turtles.

Sales in the water garden industry have reached approximately \$1 billion per year. Leading the growth curve are mail-order sales of aquatic plants. To assess the potential for these sales to act as a vector of AIS release, Sea Grant and the Minnesota Department of Natural Resources supported a study by University of Minnesota researchers who looked at aquatic plant retailers in three categories: water garden specialists, aquarium specialists, and general garden businesses. The study, by Kristine Maki and Sue Galatowitsch with the Department of Horticultural Science, examined the issues of intentional sale of illegal aquatic plants, and unintentional shipment of such plants and other organisms.

They placed 40 orders for plants typically used by water gardeners with vendors across the U.S. To determine whether current regulations are effective in preventing the sale of aquatic nuisance plants, they submitted orders for those classified as noxious weeds under

federal law and as prohibited exotic species under Minnesota law.

When the plants arrived, they examined them for the unintentional inclusion of other plants and organisms. The 40 orders represented a total of 123 taxa and 681 individual plants, although many additional organisms were received. In fact, 93 percent of orders contained additional plants, animals, fungi, or algae.

Ten percent of the orders included other plants classified as AIS: hydrilla (*Hydrilla verticillata*), giant salvinia (*Salvinia molesta*), purple loosestrife (*Lythrum salicaria*) and curly-leaf pondweed (*Potamogeton crispus*).

"These four plants are causing problems all around the country and are some of the most destructive aquatic nuisance plants in the world," said Maki.

As for the illegal plant orders, researchers found that 13 of the 14 orders they placed were filled, reflecting a violation rate of 93 percent.

"These findings clearly indicate the need to raise awareness among riparian land owners, water gardeners, resource managers, and policymakers regarding the risks associated with the sale and use of aquatic plants," urged Maki.

Building upon this research, Minnesota Sea Grant staff are spearheading two outreach projects that will serve different audiences and associated risk pathways. Barb Liukkonen is working with the water garden industry in Minnesota so that they don't unintentionally

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sell AIS plants. This summer, she is testing various marketing ideas with nurseries and garden centers and working on fact sheets they can give to customers. For example, Liukkonen is providing water garden businesses with plant markers that warn gardeners they are buying a non-native plant that could spread if used inappropriately.

On the fish front, Doug Jensen is leading a national educational project that seeks to prevent the release of aquarium fish and plants. The project will employ social marketing techniques with the intent of fostering behavioral change in aquarium owners. The project involves high-powered partners, including the Pet Industry Joint Advisory Council, the U.S. Fish and Wildlife Service, and aquarium retailers such as PetCo, PetSmart, WalMart, and many private outlets. The partners represent over 90 percent of the annual U.S. fish suppliers.

## You CAN Enjoy a Water Garden Without Spreading Invasive Aquatic Species!

These tips are from "Invasive Aquatic Plants: what every plant enthusiast needs to know"

Produced by Illinois-Indiana Sea Grant

For copies of the fact sheet, contact them at (217)333-9448 or go to [www.aquaticinvaders.org](http://www.aquaticinvaders.org)

- Build your water garden away from natural waterways (but remember that some plants/seeds CAN be spread by birds and animals).
- Familiarize yourself with invasive plants of regional and national concern.
- **Select regionally native or non-invasive exotic plants.** Be certain that the plant is non-invasive in your agricultural zone as well as its native habitat.
- When buying plants, ask questions! Verify that the plant identifications are correct.
- Rinse plants in a bucket of tap water until they are clean to remove "hitchhikers."
- Before disposing of unwanted aquatic plants, completely dry or freeze them. Do not compost them because many seeds can withstand drying and freezing.

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# 2005 NYSFOLA Annual Conference White Eagle Conference Center , Hamilton, NY

**April 29, 30 and May 1, 2005**

**REGISTRATIONS MUST BE MADE WITH THE NYSFOLA OFFICE**

NO REGISTRATIONS WILL BE ACCEPTED BY THE WHITE EAGLE CONFERENCE CTR

We will be unable to provide meals for those registering by mail after **April 19th** or at the door, as accurate head counts must be given in advance to White Eagle Conference Center. Thank you!

**Three Day Package**

**Friday, Saturday and Sunday Conference Package: (Thursday evening-Sunday noon)**

Includes 3 nights lodging (Thursday, Friday and Saturday), 8 meals (Thursday dinner through Sunday breakfast)

All breaks and conference registration included.

(     ) Single Occupancy—\$345.00     (     ) Double Occupancy—\$550.00

**Two Day Package**

**Saturday and Sunday Conference Package: (Friday evening-Sunday noon)**

Includes 2 nights lodging (Friday and Saturday), 5 meals (Friday dinner through Sunday breakfast), all breaks and conference registration. Note: This package does not include Friday lunch which can be added below.

(     ) Single Occupancy —\$219.00     (     ) Double Occupancy—\$368.00

**Daily Package**

(   ) Friday or (   ) Saturday, morning and afternoon sessions with lunch     \$40.00  
(   ) Friday or (   ) Saturday sessions without lunch     \$25.00

**Student :** (   ) Friday or (   ) Saturday session, lunch & breaks (no banquet) \$20.00

If you plan to participate in the CSLAP Training Session on Saturday, please check [   ]

A new motel, also operated by the White Eagle Conference Center, will be open for our use this spring. The motel is located off-site but in close proximity to the conference center. If you prefer lodging at the motel instead of the cabins on the lake, please let us know. Otherwise, we will fill the space in the cabins first.

(   ) I prefer the cabins     (   ) motel

Meal Choices: (   ) prime rib of beef     (   ) white meat (entrée TBA)     (   ) vegetarian entrée

Name(s) \_\_\_\_\_  
Affiliation \_\_\_\_\_  
Address \_\_\_\_\_ City \_\_\_\_\_  
State \_\_\_\_\_ Zip \_\_\_\_\_ e-mail (for registration confirmation) \_\_\_\_\_  
Phone \_\_\_\_\_

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**Now Accepting  
2005 Membership Dues  
*Are Your Dues Current?***

*Your mailing label is the key to your membership standing. The digit next to your name indicates the last year your dues were paid. Your membership fees are based on the calendar year, and we appreciate that some associations cannot submit fees until mid-summer. This is not a problem.*

*If the digit is a "4", you may pay 2005 dues at your earliest convenience.*

*If the digit is a "5", you are a member in good standing. Thank you.*

*If you have any questions about your membership, please do not hesitate to contact the office at 1-800-796-FOLA. Thank you for your continued support of NYSFOLA.*

**2005 Membership Form  
NYS Federation of Lake Associations, Inc.**

**Lake, Watershed and other Associations:**

Small Association, 10-74 members _____	\$35.00
Medium Association, 75-149 members _____	\$75.00
Large Association, 150 or more members _____	\$150.00
Park Districts (Town, County, etc.) _____	\$200.00
Individual Membership (not a member of a lake association) _____	\$20.00
Individual member of a NYSFOLA Lake Association <b>in good standing</b> ——	\$10.00
<i>(get your own copy of WATERWORKS instead of reading it at your meeting!)</i>	
Corporate Membership _____	\$200.00
Student _____	\$10.00

Name of Lake Association or Individual \_\_\_\_\_

Contact Name \_\_\_\_\_

Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Telephone \_\_\_\_\_

E-mail \_\_\_\_\_

Lake Location (county) \_\_\_\_\_

*(especially important if your lake is one of many named Loon, Mud, Round, etc.)*

Fee \$ \_\_\_\_\_ Any additional donation? \$ \_\_\_\_\_ (thank you)

**Send payment to: New York State Federation of Lake Associations, Inc. (NYSFOLA)  
P.O. Box 84  
LaFayette, NY 13084**

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## Available from the NYSFOLA Office



***Diet For a Small Lake***, Joint publication of NYSFOLA and NYSDEC relative to watersheds and lakes. Detailed instructions for preparing a **lake management plan**; complete descriptions of lake **restoration** and **watershed management techniques**; comprehensive discussion of **lake ecology**.

Cost-\$30.00 includes shipping & handling \*\*\***SUPPLIES EXTREMELY LIMITED**\*\*\*

***Through the Looking Glass***, A Wisconsin Lake Partnership publication containing information on nearly all aquatic plants.

Cost -\$24.95, plus \$2.00 shipping & handling

***Lakescaping for Wildlife and Water Quality*** This book is a “must have” for those who want to be lake friendly property owners. The book includes chapters about lake ecosystems, designing lakeshore landscaping and selecting the right plants. The book has a bit of an upper-midwestern slant, but it is very applicable to New York State lakes. Cost: \$19.95

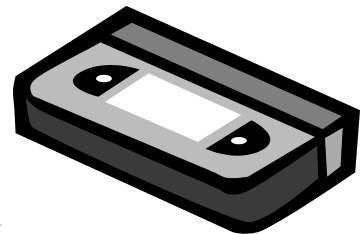


***Managing Lakes Through Community Participation***; 25 minute video. Why lake associations are formed, how they get started, tackling priority issues, case studies, ties with local government and lake community.

Cost-\$15.00 plus \$2.00 shipping & handling

***Water Quality Monitoring in Lakes and Tributaries***, video. Demonstrates the techniques used for water quality monitoring, based on procedures used in Citizens Statewide Lake Assessment Program (CSLAP). Useful for starting a monitoring program.

Cost-\$15.00, plus \$2.00 shipping & handling



***Exotics to Go!*** This compact disk is “fast food” for people who need to give presentations about zebra mussels and other aquatic nuisance species. Use it at your lake association’s annual meeting! It contains 7 PowerPoint presentations including the scripts, images and talking points that focus on zebra mussel impacts and control. There are also 22 informational publications in PDF format and lists of contacts for more information. The CD was produced by the Illinois-Indiana and Minnesota Sea Grant programs on behalf of the Great Lakes Sea Grant Network. Cost: \$6.00 includes shipping and handling



*“I hear lake water lapping with low sounds by the shore...  
I hear it in the deep heart’s core.”*

*William Butler Yates*

## **WATERWORKS**

NYS Federation of Lake Associations, Inc.  
P.O. Box 84  
2574 Webb Road  
LaFayette, NY 13084

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### *Calendar of Events*



***NYSFOLA Annual Conference and Membership Meeting - April 29-May 1, 2004, White Eagle Conference Center, Hamilton, NY. Contact the NYSFOLA office at [fola@nysfola.org](mailto:fola@nysfola.org) or (800)796-3652 or [www.nysfola.org](http://www.nysfola.org).***



***18th Annual National Conference on Enhancing the States' Lake Management Programs: Protecting Lakes & Rivers in Urbanizing Areas. Holiday Inn, Chicago Mart Plaza, Chicago, IL. For more information, contact NALMS [www.nalms.org](http://www.nalms.org).***

***Finger Lakes Institute Classroom—"Initiation of BMPs Leads to Reduction in Coliform Bacteria and Nutrient Loss from Agricultural Land in the Finger Lakes of New York State." June 15th, 6:30PM, Geneva, NY. (Focuses on Greywood sub-watershed of Conesus Lake) Registration required: (315)781-4382 or [fli@hws.edu](mailto:fli@hws.edu)***

***Water Environment Federation—2005 TMDL Conference— June 26-29  
Hyatt Regency Hotel— Philadelphia, Pennsylvania. Registration Information: (703)684-2441***

***Hudson Basin River Watch— Stream Bioassessment Institute 2005 (Learn to conduct stream monitoring)  
August 15-19, NYS DEC Pack Demonstration Forest, Warren County, NY. For more information, (518)372-9606.***