

Waterworks

New York State Federation of Lake Associations, Inc.

March 2017

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DEC Creates New Finger Lakes Water HUB

(Modified from a DEC Press Release)

On October 19th, the NYS Department of Environmental Conservation (DEC) announced the establishment of the 'Finger Lakes Water Hub, a multi-region watershed team to address Finger Lakes water quality issues, as well as a \$600,000 initiative with

Cayuga Community College and others to study algal blooms and undertake pollution reduction projects in the Owasco Lake watershed, funded with support from the New York State Senate.

These actions, in close cooperation with the NYS Departments of Health and Agriculture & Markets, further the efforts of the Governor's Water Quality Rapid Response Team, launched in February to address water quality issues statewide and develop new policies, programs, and technologies to ensure clean water for all New Yorkers.

Overseen by DEC, the Finger Lakes Water HUB will leverage the State's ongoing efforts to safe-

guard water quality with the expertise of research partners such as the Finger Lakes Institute at Hobart and William Smith Colleges, SUNY College of Environmental Science and Forestry, and Upstate Freshwater Institute. New HUB Coordinator Aimee Clinkhammer has already begun reaching out to the many lake associations, watershed groups, researchers, and municipal officials who are working to improve water quality in the Finger Lakes.

Two HUB research scientists, one with background in hydrology and water quality,

the other with a biology background, will assist with research and data management.

"It is critical that New York study what is causing algal blooms in Owasco Lake and continue to take action to reduce pollution in order to safeguard water quality in the Finger Lakes and across New York State," DEC Commissioner

(Continued on page 3)



Photo Credit: Bill Hecht, Cayuga Lake Watershed Network



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.

Waterworks

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**New York State Federation
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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.

Partnerships in Water Quality - Nancy Mueller

This issue of "Waterworks" focuses on the partnerships that are vital to protecting water quality across the state.

Our organization was founded by a group of lake associations who wanted the State to institute a volunteer lake water quality monitoring. That program, the Citizens Statewide Lake Assessment Program, better known as CSLAP, has been successful for over 30 years because of our long time partnership with the NYS Department of Environmental Conservation and over 250 lake associations. Over the years, additional partners have had a role in supporting the program including the NYS Department of Health, Upstate Freshwater Institute, the SUNY College of Environmental Science and Forestry, the NY Natural Heritage Program, the SUNY Oneonta Biological Field Station, Rochester Institute of Technology, the Partnerships for Regional Invasive Species Management (PRISMs), and over 250 member lake associations in every region of the state.

This issue starts with the announcement of a new CSLAP partner in Central NY - the newly formed Finger Lakes Water Quality HUB. We look forward to revitalized NYSFOLA efforts in the Finger Lakes Region. In doing so we also celebrate the other important collaborative efforts across the state including the Adirondack Watershed Institute's Adirondack Lake Assessment Program and its important collaboration with the Adirondack Lakes Alliance. We salute the many groups working to protect Lake George - especially the Lake George Association, the nation's first lake association. These efforts are models that can be used in other areas of the state to focus attention on our lakes.

In these challenging times, with the

federal environmental budget on the chopping block, it will take more of these collaborative efforts to maximize stretched financial resources. We believe that with any challenge, comes an opportunity, and we know that NYSFOLA plays an important role in finding new, creative ways to protect our lakes.



Our members also have a vital role in these efforts. It's time for lake associations to continue making their voices heard. We hope that you will join the dialogue at our upcoming annual conference "Lake Ecology and Human Impacts" to be held May 4-6 at White Eagle Conference Center in Hamilton, NY. Registration is now open at www.nysfola.org. We understand that many of our lake associations are facing volunteer shortages, difficulty attracting new members, budgetary constraints, and regulatory challenges. How do we work together to make our lakes better?

Has your lake association done something that could be a model for others? Have you come up with an innovative way to increase membership? Are you facing problems because of regulatory burdens? Let us hear about it! Perhaps you would like to write an article for "Waterworks"?

As we continue to look for better ways to collaborate and improve communications around the state, we know that it all starts at the local level. The more we know about what our lake associations need and want, the stronger our statewide organization becomes. Follow us on facebook, send us an email, or give us a call to let us know what's happening at your lake. Come to the conference, or one of the regional conferences, and tell us how we can make NYSFOLA stronger than ever before.

Basil Seggos said. "Dozens of New York lakes, as well as waterbodies nationwide, are plagued with harmful algal blooms. As we continue the strong efforts of the Governor's Water Quality Rapid Response Team, the work of the Finger Lakes Water HUB and the State's investments to study algal blooms will be valuable resources in helping New Yorkers understand and mitigate this emerging issue."



Algae bloom on Honeoye Lake - photo courtesy of Terry Gronwall and Don Cook

There are several types of algal blooms with varying levels of toxicity, including Harmful Algal Blooms (HAB). Based on the water chemistry and low phosphorus in Owasco Lake, scientists did not anticipate the frequency or severity of recent blooms. The research study and associated pollution reduction projects, funded with \$600,000 from New York State, will help scientists understand the factors contributing to algal blooms and look at the frequency and extent of HABs in Owasco Lake. The recently announced projects are part of a series of initiatives undertaken by local partners, DEC and the Department of Agriculture & Markets to protect Owasco Lake water quality. The new research project is being undertaken in partnership with Cayuga County, the Upstate Freshwater Institute, Owasco Lake Watershed Association, and others.

The project includes:

- Funding to Cayuga County Soil and Water District to implement phosphorous reduction practices including

agricultural and stormwater projects

- Funding to monitor Owasco Lake and its tributaries to determine sources of contaminant loading
- Funding for HAB sample analysis and food web monitoring
- Funding for open water monitoring buoy deployment and maintenance

The investments announced today to safeguard water quality are in addition to the more than \$7.5 million already being spent by the State to address and improve water quality in the Owasco Lake watershed through the Water Quality Improvement Project Program and the Agricultural Non-point Source Abatement and Control Grants. These programs provide New York State Environmental Protection Funds to municipalities and farmers in the Owasco Lake watershed to improve wastewater treatment facilities, stop erosion along roadsides and streambanks, and improve farm efficiencies.

New York's Finger Lakes Region is a 9,000-square mile area home to 11 lakes. From East to West, the Finger Lakes are: Otisco, Skaneateles, Owasco, Cayuga, Seneca, Keuka, Canandaigua, Honeoye, Canadice, Hemlock, and Conesus.

THE FINGER LAKES IN CSLAP

One of the first orders of business for DEC Finger Lakes Water HUB Coordinator Aimee Clinkhammer was to put together a grant proposal to fund the inclusion of all 11 Finger Lakes in the Citizens Statewide Lake Assessment Program (CSLAP) run jointly by DEC and NYSFOLA. Working with DEC CSLAP Program Coordinator Scott Kishbaugh, and NYSFOLA Manager Nancy Mueller, funding was requested through the NYS Environmental Protection Fund (EPF) Ocean and Great Lakes Initiative. Although the Finger Lakes have been the frequent subject of academic, agency and other research, there are still data gaps. Notably, there is a lack of a long term data set where samples have been analyzed from an laboratory certified under New York's Environmental Laboratory Approval Program (ELAP) which is run under the jurisdiction of the NYS Department of Health's Wadsworth Center. It was established in 1984, under Section 502 of the Public Health Law and is responsible for the certification of laboratories performing environmental analyses on samples originating from New York State, thus ensuring the accuracy and reliability.

(Continued on page 4)



Samples collected by CSLAP volunteers are an important part of the statewide database. Results are used by DEC for water quality assessments and by lake associations to support a variety of lake management efforts.

bility of these analyses. Because of the cost and procedural requirements associated with ELAP Certification, many college and university labs do not obtain it since samples are used primarily for research purposes. While this does not mean that their analysis is of a lesser quality, there can be perceptual, and sometimes legal, implications for utilizing non-ELAP data in a regulatory framework.

While some of the Finger Lakes have been in CSLAP at different times over the history of the program, some have never been included, and none of them have been in the program for the last several years. The goal of the proposed program would be to work closely with those already doing monitoring work on the lakes in order to fill in the data set, have more “eyes” on the water looking for harmful algal blooms, and have ELAP certified data from all of the lakes. We also look forward to partnering with the Finger Lakes PRISM at Hobart and William Smith to encourage citizen monitoring for aquatic invasive species.

To date, the response from lake associations in the Finger Lakes has been enthusiastic. NYSFOLA and DEC are looking forward to this challenging, new partnership.

NYS DEC Publishes 2017-2018 Fishing Regulations Guide

The New York State Department of Environmental Conservation (DEC) has recently published its 2017-2018 Fishing Regulations Guide that is in effect from April 1, 2017 through March 31, 2018.

You can view or print the document at http://www.dec.ny.gov/docs/fish_marine_pdf/fishguide17.pdf.

Warning! This is a large document and may be slow to download.

You can also go online to read a summary of the regulatory changes for the 2017-2018 fishing season at <http://www.dec.ny.gov/outdoor/109353.html>.

Have you seen fish on your lake that are behaving oddly or appear to have health issues? Review DEC’s Fish Health Collectors List page for a list of people certified to collect fish for disease testing at <http://www.dec.ny.gov/outdoor/41633.html>.



iMapInvasives-RIT Partnership: Working to Increase Community Involvement in Invasive Species Monitoring

*Submitted by: Alexanna Page, Chas's Schara, and Erica Short -
Rochester Institute of Technology*

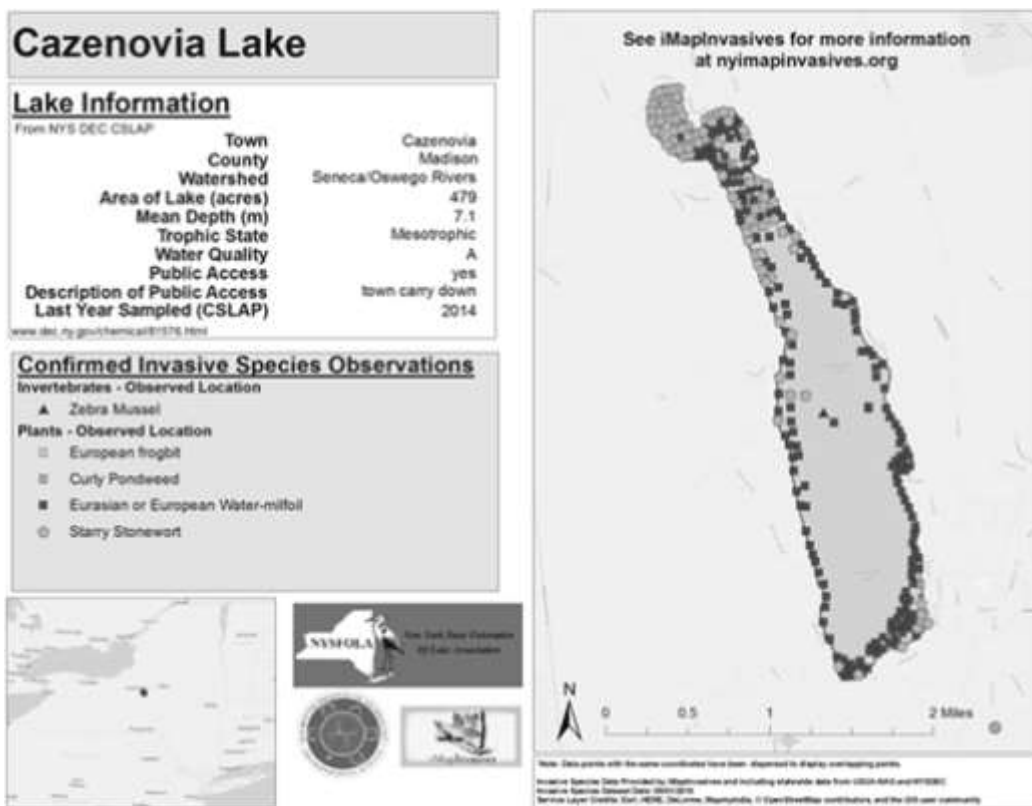
It is a pleasant summer day, and you decide to take the boat out for a relaxing fishing trip. The rods, lures and sandwiches are packed into the boat, and you take off for your favorite spot on the lake. Suddenly, you enter an area covered thickly in a green kelp-like plant. You look all over the edge of the boat and cannot see into the water at all. What is this new plant? How do you get rid of it? This situation has occurred on lakes across New York State. Invasive species are a big deal and can greatly affect our waterways and recreational activities in and around them.

Only about 1% of introduced alien species, or species that are non-native, become invasive, but those few have the potential to cause detrimental impacts on ecosystems.¹ In New York's lakes, species such as the zebra mussel (*Dreissena polymorpha*) cover shorelines and fill boat bilges and water intake pipes, affecting recreation on the water and on the beaches. These species can necessitate costly removal efforts, and inaction toward invasive species can result in irreversible ecological and economic damages.² The good news is, early detection can minimize these impacts.³

Citizen involvement is critical to early detection. Lake association members and local citizens who frequent a body of water are more likely to see changes in biodiversity than researchers who sample every few years. With a small amount of training, citizens can be

as effective at identifying pernicious invaders as scientists.⁴ Continual monitoring of invasive species is also important for assessing the success of eradication and control projects.

The NY Natural Heritage Program manages invasive species data for the state using an online system called *iMapInvasives* (<http://www.nyimainvasives.org>). This system is also used by a number of other states and a Canadian province for the same purpose. Scientists, organizations,



Example map book page for Cazenovia Lake. There is a large dataset for the lake because citizens and researchers have been involved in invasive species monitoring.

and the general public can upload invasive species observations to the database. Once the data is submitted to the site, the *iMapInvasives* team members review the identification and location of each submission. The data then becomes

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Learning how to use the iMap App in the field at the 2016 NYSFOLA Conference.

available as “confirmed” on the website.

In 2013, the New York Natural Heritage Program began a collaborative effort with the Rochester Institute of Technology’s (RIT) Environmental Science Program when a senior capstone team created a map book with printable pages for 36 different

lakes in New York State. The map book pages display the iMapInvasives data for individual lakes so users can easily find the invasive species occupying their lake. Since 2013, students have expanded the map book to include 250 lakes from the Citizens Statewide Lake Assessment Program (CSLAP) database. The map book pages can be viewed in color and grayscale and are available for download and print at <https://sites.google.com/a/g.rit.edu/capstonemapbook/>. RIT students also assembled an invasive species manual, accessible through the website, to provide information and photographs about the most common invasive plants, animals, and protists in New York’s waterways.

The iMapInvasives inventory and the RIT map books are only as good as the data that are made available. As each new observation point is added, the bigger picture improves. This allows for better species distribution maps and available information for researchers and the public. New data triggers alerts to DEC staff focused on aquatics, which aids them in their research. The goal is to have a comprehensive dataset of all aquatic invasive species in

New York State. To accomplish this, greater citizen participation is needed. New invasive species observation points can be added through the website or mobile app for iPhone and Android. The “iMap App” uses the smartphone’s GPS to obtain location information, and new observations can be added directly from the user’s phone. When you add new data into the system through the website or iMap App, you are helping to monitor our lakes and protect these priceless resources.

For more information about the RIT Map Book project, please contact Professor Christy Tyler (actsbi@rit.edu). For more information about iMapInvasives, please contact the team at imapinvasives@dec.ny.gov.

Team members will also be attending the NYSFOLA annual conference and giving a “Water Chestnut Chasers” talk utilizing the iMapApp.



NYSFOLA Members attending the iMapInvasives training session at the 2016 annual conference.

¹Mooney, H.A. & Cleland, E.E. (2001). The evolutionary impact of invasive species. *Proceedings of the National Academy of Sciences of the United States of America*, 98(10), 5446-5451.

²Pejchar, L. & Mooney, H.A. (2009). Invasive species, ecosystem services and human well-being. *Trends in Ecology and Evolution*, 24(9), 497-504.

³Simberloff, D. (2003). How much information on population biology is needed to manage introduced species? *Conservation Biology*, 17(1), 83-92.

⁴Crall, A.W., Newman, G.J., Jarnevich, C.S., Stohlgren, T.J., Waller D.M., & Graham, J. (2010). Improving and integrating data on invasive species collected by citizen scientists. *Biological Invasions*, 12(10), 3419-3428.

34th Annual NYSFOLA Conference

“Lake Ecology and Human Impacts”

May 5-6 2017

White Eagle Conference Center Hamilton, NY

THURSDAY MAY 4, 2017

6:30 - 7:30pm Dinner at White Eagle Lodge for early arrival attendees and exhibitors.

7:30pm Tepee open for refreshments, conversation, and fun.



FRIDAY MAY 5, 2017

7:15 - 8:30am Breakfast at White Eagle Lodge

8:00am Registration desk opens at the Appley Center

8:35 - 8:55am Plenary Greeting, Welcome & Logistics - the Chandelier Room, Appley Center

SILENT AUCTION BEGINS AND CONTINUES THROUGH SATURDAY LUNCH

SESSION A (Room 3) Developing and Implementing a Septic Inspection Program 9:00am - noon

This special program has been developed for NYSFOLA this year by Eric E. Murdock, PE, Onsite Engineering, PLLC. Eric has been completing environmental designs throughout New York State since 1994. His wastewater treatment engineering expertise extends from conventional onsite wastewater treatment systems to the more sophisticated and higher performance alternative treatment units. Eric's background as the Project Manager for the EPA's National Community Decentralized Wastewater Demonstration Project at Skaneateles Lake enabled him to develop positive relationships within the US EPA, NYS Department of Health, NYS Department of Environmental Conservation and other local governments and agencies.

9:00 - 9:30am Septic Systems and Lakes: The Issue and Framework - Eric Murdock, PE, Onsite Engineering PLLC

9:30 - 10:00am NYS Onsite Wastewater Treatment Training Network Inspection Program - Eric Murdock, PE, Onsite Engineering PLLC

10:00 - 10:30am Inlet, NY: A Successful Inspection Program - Aimee VanWie, Town of Inlet Code Enforcement Officer

10:30 - 10:50am - BREAK

11:00-11:30am Developing an Inspection Program for the Indian River Lakes Region, NY - speaker TBA

11:30 - noon Lake George and Town of Queensbury Septic Inspection Program Developments - Kathy Bozony

SESSION B (Room 6) New York Not-for-Profits: What are the Rules? 9:00am - noon

NYSFOLA welcomes Carrie Pollack, Esq. and Holly Austin, Esq. from Hancock and Estabrook, LLP to discuss the somewhat confusing rules for NY not-for-profits including lake associations.

- Corporate Characteristics of Nonprofits - NYS Perspective
- Tax Exempt Status - Federal Perspective
- Regulating Agencies - Who they are and what they care about
- Required Filings - 990s & Charity Bureau registrations
- Board Responsibilities - Record keeping responsibilities, fiduciary duties. What is an officer? What is a director? What is their proper role? Committees, Board member orientations, etc.
- Changes in the Law - Conflicts of interest, audit requirements

10:30 - 10:50am BREAK

Questions and answers

Session C (Room 4) Gone Fishing...Fisheries Topics for NY Lakes

9:00 - 9:30am **Fish Population Responses to Invasive Species and Environmental Change in Oneida Lake**- Randy Jackson, Cornell University Biological Field Station

9:30 - 10:00am **A Fisheries - Food Web Study of Sleepy Hollow Lake - Athens, NY** - Michael R. Martin, Princeton Hydro, LLC

10:00 - 10:30am TBA

10:30 - 10:50am **BREAK**

11:00 - 11:30am **Utilizing Grass Carp to Manage Aquatic Invasive Plants** - Bill Harman, SUNY Oneonta Biological Field Station

11:30am - noon **Enhancing Your Fishing Experience!** - Lance Dellavechia, Anglers Marine

Noon - 1:15pm LUNCH Newsletter Awards, Lake Steward Awards

SESSION D (Room 6) Dam Safety in New York

1:30 - 2:30pm **Dam Safety in NY: An Update** - Alon Dominitz, NYS DEC Dam Safety Unit

2:30 - 3:00pm **Sleepy Hollow Lake Dam -Renovation**- Dan Proper, Proper & O'Leary Engineering, PC

3:00-3:15pm **BREAK**

3:15 - 3:45pm **Maintaining Your Most Important Asset—Your Dam** - Chris Adams, Civil Dynamics Engineering, PC

3:45 - 4:15pm **Save Money, Do it Yourself!: Utilizing Volunteers to Comply with Dam Safety Regulations**- Bob Rosati, NYSFOLA Board of Directors, Melody Lake Association

4:15 - 4:45pm - Question and Answer Period

SESSION E (Room 3) The Big Picture: Watershed Management & Statewide Programs

1:30 - 2:00pm **State of Development Now and for the Future of the Lake George Watershed** - Kristen Wilde, Lake George Association, NYSFOLA Board of Directors

2:00 - 2:30 pm **Long Term Restoration Plan for Lake Hoptacong, NJ** - Fred Lubnow, Princeton Hydro, LLC

2:30 - 3:00pm **TBA**

3:00 - 3:15pm **BREAK**

2:30 - 3:00pm - **Title TBA (Owasco Lake)** - David Matthews, Up-

state Freshwater Institute

3:00 - 3:15pm - **BREAK**

3:15 - 3:45pm - **The New Statewide Harmful Algal Bloom Plan** - Rebecca Gorney, NYS DEC

3:45 - 4:15pm - **The Great Lakes Acton Agenda Program** - Emily Sheridan, NYS DEC

4:15-4:45pm - **Introducing the Finger Lake HUB** - Aimee Clinkhammer, NYS DEC

3:00 - 5:00pm Board of Directors Meeting in the Kastens Room

5:15-6:00pm Annual NYSFOLA Wine & Cheese Party

6:00pm Annual NYSFOLA Banquet - Lake Tear of the Clouds Award, Media Award, Don & Marty Keppel Special Service Award

Guest Speaker David O. Brown, Videographer

David Owen Brown works worldwide as a producer, videographer, researcher, diver, photographer and lecturer. He holds degrees from Cornell University and the Brooks Institute of Photography. Most recently, David conceived and produced media for a NOAA sponsored museum exhibit tracing the path of water from inland to ocean. He continues to spread awareness of the critical importance of water resources with BASELINE, a project providing underwater perspectives on NY's amazing aquatic resources. This project, funded by the Park Foundation and National Audubon's Together Green program, and David was elected as a Together Green Conservation Leadership Fellow in 2012. He's also in development on a project blending art, marine conservation and science, to be produced in conjunction with Cornell University, Corning's Museum of Glass and the Smithsonian Institution.

~9:00pm - Tepee Open for Refreshments - Continue the dialogue with fellow lake association members, have some popcorn, and relax. If you choose, join us in the game room for:

The Wine is Great in New York State Live Wine Auction - A spirited sale of NY spirits! All proceeds benefit NYSFOLA.



SATURDAY MAY 6, 2017

7:00 - 8:00am - Breakfast at White Eagle Lodge

8:00am - Registration opens at the Appley Center

8:45 - 9:00am - Welcome & Logistics, Chandelier Room, Appley Center

CONCURRENT SESSIONS BEGIN

9:00 am - noon

SESSION F (Room 3) Diet For a Small Lake: An Introduction to Lake Ecology and Lake Management - Dr. Willard Harman and his staff at the SUNY Oneonta Biological Field Station explain the basics of lake ecology and how to address lake management issues. A great session for first time attendees!

SESSION G (Room 4) Nuisance and Invasive Species

9:00 - 9:40am Aquatic Invasive Species in New York State: An Update -

Catherine McGlynn, NYS DEC

9:40 - 10:20am Lake George Park Commission Boat Survey - Tracey

Clothier, The LA Group

10:20 - 10:35am BREAK

10:35 - 11:15am Managing Nuisance Canada Geese - Carl

Cranker, USDA APHIS Wildlife Services, Brewerton, NY

11:15 - noon Water Chestnut Chaser Using the iMap App - Meg Wilkinson, New York Natural Heritage Program and Meg Phillips, NYS DEC

Water Chestnut: that aquatic invasive plant that ruins a good kayaking spot, gets caught around your propeller, and grows so thick in some places that it looks like you could walk across the water on it. Unlike many aquatic invasive plants, if found early, small infestations of water chestnut are manageable with regular pulls. Join us in this session to learn how you can participate in the 2nd Annual Water Chestnut Chasers Challenge. Learn how to identify water chestnut and learn how to report new water chestnut locations (as well as water-chestnut-free-locations) to the state invasive species database, iMapInvasives. Help increase the accuracy of the water chestnut distribution that Partnerships for Regional Invasive Species Management (PRISM) leaders and DEC staff refer to when prioritizing their summer fieldwork. Use your smartphone to enter your survey data - submit water chestnut observations and "X-water chestnut NOT detected" reports for areas searched. The work of the annual Water Chestnut Chas-



ers Challenge helps to identify water bodies that are water chestnut-free and to locate small water chestnut infestations that PRISMs and their partner organizations can include in their work plans. Prizes for both individual and PRISM region with the most observations reported will be awarded in late July. Participants are encouraged (but not required) to bring smartphones/tablets and to request an iMapInvasives login in advance: (<http://www.nyimainvasives.org/request-login>).

SESSION H (Room 6) Citizen Science

9:00 - 9:40am Title TBA - Anahita Williams, US EPA, Region 2

9:40 - 10:20am Global Lake Ecological Observatory Network - Lisa Borre, The Cary Institute (invited)

10:20 - 10:35am BREAK

10:35 - 11:15 am Finding the Bad Stuff: Challenges in Citizen Monitoring - Scott Kishbaugh, NYS DEC
11:15 - noon Sampling Streams and Rivers: NYS DEC WAVE Program - Alene Onion, NYS DEC

SESSION I (Room 5) Projects, Permits and Problems

9:00 - 9:40am Copper Sulfate: The New Sediment Monitoring Requirements - TBA

9:40 - 10:20am Management of Lakes and Beaches Plagued With Cyanotoxins - Fred Lubnow, Princeton Hydro, LLC

10:20 - 10:35am BREAK

10:35 - 11:15am NYS Aquatic Herbicide Monitoring Requirements - Glenn Sullivan, SOLitude Lake Management

11:15 am - noon When Lakes and Lakeshores are Wetlands - Dean Long, NYSFOLA Board of Directors

Noon - 1:45PM LUNCH AND ANNUAL MEMBERSHIP MEETING

2:00 - ~4:30pm

SESSION J CSLAP Training in the Cleveland Building and on Lake Moraine - CSLAP training for new volunteers or for those needing a refresher. Pre-registration is requested. We will be in the "lab" and on the lake. Dress for the weather.

SESSION K (Room 3) Lake Management Strategies for NYSFOLA Lakes: A University Partnership

2:00 - 2:20pm The Roles of Algae in the Aquatic Food Web and a Case Study on DeRuyter Reservoir - Leah Gorman, SUNY Oneonta Graduate Program in Lake Management

2:20 - 2:40pm Lake Mohegan: An Evaluation of an Air Driven

Circulation System - Patrick Goodwin, SUNY Oneonta Graduate Program in Lake Management; Vertex Water Features
2:40-3:00pm **Management of Multi-Basin Lakes: A Case Study of Cassadaga and Paradox Lakes, NY** - Joey O'Reilly and Alexa Tumbarello, SUNY Oneonta Graduate Program in Lake Management

3:00 - 3:15 BREAK

3:15 - 3:35pm **The Importance of Natural History and Education to Lake Management** - David P. Fuhler and Sonja Wixom, SUNY Oneonta Graduate Program in Lake Management

3:35 - 4:00pm **Zebra Mussels: Early Detection & Rapid Response Plans for Three New York lake Systems**—Eric Haas George Smith, Ryan Elliott

4:00 - 4:30pm **Question & Answer Period**

SESSION L (Room 5) Potpourri of Lake Related Topics

2:00 - 2:30pm **The Unrecognized Impacts of Noise Pollution on Lake Ecosystem Health** - Rebecca Schneider, Cornell University Department of Natural Resources, NYSFOLA Board of Directors

2:30 - 3:00pm TBA

3:00 - 3:15pm BREAK

3:15 - 3:45pm TBA

3:45 - 4:30pm **Restoring Your Wooden Boat: Lessons Learned** -



Jim Cunningham, Eatonbrook Lake Association, NYSFOLA Board of Directors

Jim will give a brief history of the Chris Craft company and help you cruise the waters in the boat of your dreams! Learn how to inspect

a boat before purchasing! What are the correct materials and tools for disassembly and rebuilding (framing, planking, sanding, sealing, and varnishing) as well as the mechanical overhaul?

SESSION M (Kastens Room) - What's In a Drop of Water?

Aquatic Critter ID Workshop

NYS DEC Research Scientist and HABs Coordinator Rebecca Gorney & Finger Lakes Community College professor Bruce Gilman will show you what your lake looks like under the microscope! Learn to I.D. common phytoplankton and zooplankton while learning about their important role in lake ecology.

Conference Concludes: Attendees who purchased the optional Saturday night lodging/Sunday breakfast package enjoy dinner on their own in Hamilton tonight. Breakfast at White Eagle Lodge from 7:00am to 8:00am.

Don't Forget The Silent Auction!

The NYSFOLA Silent Auction is always a lot of fun and raises money each year for our organization. If you're coming to the conference, we encourage you to bring something for our attendees to bid on. Please participate in the auction by bidding early and often!! The bids will end at lunch on Saturday.



Can't make it to the conference this year? Many of our members send something to the NYSFOLA office for our members to bid on. We have received oranges from Florida, lake

association hats and t-shirts, fine wines (and some not-so-fine), fishing poles, and more! Contact Nancy Mueller (800)796-3652 or fola@nysfola.org to make arrangements for larger items.

Visit the Exhibitors!!

Our conference exhibitors help to make the conference financially possible. Please spend some time talking with them about their services and products to see if they can help you with your lake management needs. As we go to press:

Alpha Boats Unlimited - Barber Welding

[http://www.alphaboats.com/http://](http://www.alphaboats.com/http://www.barberweldingny.com/)

www.barberweldingny.com/

The Pond and Lake Connection

<http://thepondconnection.com/>

Princeton Hydro, LLC

<http://www.princetonhydro.com/>

SOLitude Lake Management

<http://www.solitudelakemanagement.com/>

Vertex Water Features

<http://www.vertexwaterfeatures.com/>

2017 NYSFOLA ANNUAL CONFERENCE REGISTRATION FORM

Registration, Lodging and Meals

Early Arrival Package - Includes 2 nights (Thursday and Friday) lodging, all meals (**Thursday dinner through Saturday Lunch**) and registration fee.

\$370 single occupancy [] \$625 double occupancy (includes both people) []

Weekend Special Conference Package

Includes Friday night lodging and all meals including Friday **lunch** through Saturday lunch and registration fee

\$215 single occupancy [] \$375 double occupancy (includes both people) []

Optional Saturday Night/Sunday Breakfast Add-On

Dinner is on your own in Hamilton Saturday night, but White Eagle is offering optional Saturday night lodging for \$89/room that includes a breakfast buffet on Sunday morning. \$89.00/room []

Day Tripper Package (Friday and/or Saturday with lunch)

Friday [] or Saturday [] \$75.00

Friday and Saturday [] \$90.00

CHECK HERE IF YOU ARE A NEW CSLAP VOLUNTEER (OR
NEED A REFRESHER COURSE) _____

A la Carte Pricing

Registration fee \$55 [] per person _____

Lodging \$125 per night Thursday [] Friday [] see above for Saturday

Breakfast \$13.00 Friday [] Saturday [] Sunday []

Lunch \$17.00 Friday [] Saturday []

Dinner \$25.00 Thursday []

Banquet \$30 Friday []

[] Prefer lodging in onsite cabin

[] Prefer lodging at Wendt University Inn

Yes! I'd like to stay in touch with NYSFOLA all year! Please include my 2017 Individual Dues:

Member of NYSFOLA lake association \$15 [] Non-member of NYSFOLA lake association \$25 []

Name(s) _____

Company _____

Address _____

City _____ State _____ Zip _____ Email _____

Questions? Please contact Nancy Mueller fola@nysfola.org or (800) 796-3652.

Register online at www.nysfola.org - or MAIL TO: NYSFOLA PO Box 84 LaFayette, NY 13084 Registration for rooms and meals closes on April 21, 2017.

NYSFOLA Remembers Former Board Members :

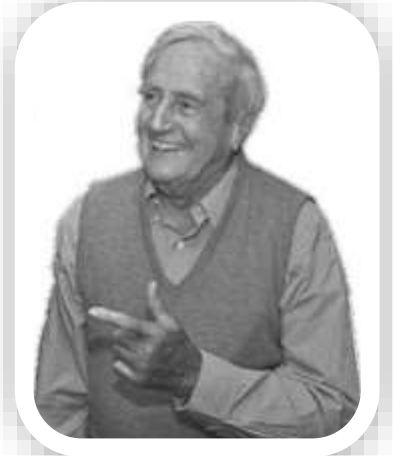
Margaret Schaefer and Bob Roessle



It is with great sadness that we report the deaths of two long-time NYSFOLA Board members Margaret Schaefer and Bob Roessle.

Margaret, fondly known as Marge, founded the Black Lake Association and served as the President of that organization for many years. She served on the NYSFOLA Board of Directors from 1987-1998 and was our President from 1996-1997.

Bob Roessle was a founding member of the Little Fresh Pond Association in Southampton. He served on the NYSFOLA Board of Directors from 1992-2001. His wife Estelle assisted with NYSFOLA conference registrations for many years.



Marge and Bob were both strong advocates for the Citizens Statewide Lake Assessment Program and served as CSLAP Volunteers for their respective lake associations.

Save the Date!

Adirondack Lakes Alliance

August 11, 2017

2017 Annual Conference

***“Lake & River Associations
Making a Difference”***

Paul Smiths College

Paul Smiths, NY



[http://www.adirondacklakesalliance.org/
annual-conference-2017.html](http://www.adirondacklakesalliance.org/annual-conference-2017.html)

CSLAPpenings



Dear CSLAP Volunteers,

We are about to embark on our most ambitious CSLAP season ever - especially if our Finger Lakes proposal is funded. As such, here are some tips to get things up and running smoothly.

TRAINING - The training session for new volunteers will take place as part of the NYSFOLA Annual Conference - except that we will hold separate training sessions for new Finger Lakes volunteers. We need a head count in order to plan boats, equipment, and supplies. Please let Nancy know how many people from your lake association will be attending.

BOTTLES AND SUPPLIES - Bottles will ship in mid-late May through early June. If you have not received bottles by the second week of June, please contact Nancy.

EQUIPMENT AND SUPPLY NEEDS: New lake associations will receive a full set of equipment and supplies in the spring. All other lake associations need to let us know if you have any equipment that is not in working order or if you need magnesium carbonate, etc. A new cup of filters and a bag of gloves will be provided to everyone as usual.

ONLINE DATA ENTRY: Given the large number of lakes participating this year, we strongly encourage you to enter field data online this year.

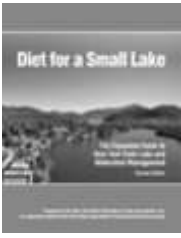
- If you don't already have them, you can get login credentials and instructions from Lou Feeney by emailing him at help@cslapdata.org
- It's easy! It doesn't take long! If you have any problems, we can help you. Just let us know.



- Continue to include your hard copies by putting them on top of the cooler. They are a good back up and help us double check the data.

SAMPLING SEASON END DATE - We would like everyone to finish sampling by Saturday September 30th. We will continue to receive samples at the lab until Friday October 5th. Samples arriving after that date, will not be analyzed! Please schedule your sampling dates accordingly and have a great season.

Available from NYSFOLA



Diet for a Small Lake: The Expanded Guide to New York State Lake & Watershed Management

A “must have” publication for anyone who cares about New York State lakes. This publication offers an introduction to lake ecology, descriptions of lake restoration and watershed management techniques and relevant New York State laws and regulations plus guidance for preparing a watershed management plan.

New Price! Get them while they last! \$10.00 Hardcover: \$15.00



Lakescaping for Wildlife and Water Quality

This book is a great resource 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 lakes.

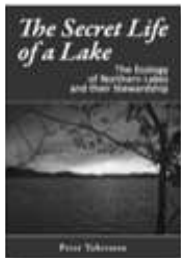
Spiral Bound Paperback: \$20.00



Life on the Edge: Owning Waterfront Property

Published by the Wisconsin Lakes Partnership, this lakefront friendly living guide is useful for New Yorkers, too. In it's 7th edition, *Life on the Edge... Owning Waterfront Property* is considered one of the nations best guides for potential and new water front property owners. This refreshingly practical and easily understood publication will pay back sizable dividends in matching expectations to the realities of water front living.

Paperback: \$10.00



The Secret Life of a Lake: The Ecology of Northern Lakes and their Stewardship

We are very pleased to offer this new publication written by NYSFOLA member and CSLAP volunteer Peter Tobiasen from the Lake Pleasant-Sacandaga Association. Peter has taught aquatic biology for many years at

Union College. By letting readers in on a lake's “secret life,” the author hopes to give them a deeper understanding of these complex and dynamic ecosystems, and perhaps even motivate some to become more active in a lake's preservation. Paperback: \$19.00



Through the Looking Glass: A Field Guide to Aquatic Plants - NEW EDITION!!

A Wisconsin Lake Partnership publication containing wonderful line drawings and descriptions of the most common freshwater plants. Paperback: \$30.00

Shipping and Handling: Books will ship via U.S. Postal Service Media Rate.

1 copy \$5.50
2 copies \$7.50
3 copies \$10.50
4 copies \$11.50



Please make check payable to NYSFOLA and mail to:

**New York State Federation of Lake Associations, Inc.
P.O. Box 84
LaFayette, NY 13084**

TITLE	PRICE	QUANTITY	SUBTOTAL
DIET FOR A SMALL LAKE (pap)	\$10.00		
DIET FOR A SMALL LAKE - (hdc)	\$15.00		
LAKESCAPING ...	\$20.00		
LIFE ON THE EDGE	\$10.00		
THROUGH THE LOOKING GLASS	\$30.00		
THE SECRET LIFE OF A LAKE	\$19.00		
Shipping & Handling	see	chart	
TOTAL			

2017 Membership Form
New York State Federation of Lake Associations, Inc.

Lake, Watershed and other Associations:

Small Association (10-74 members)	\$ 50.00
Medium Association (75-149 members)	\$ 100.00
Large Association (150 or more members)	\$175.00
Foundation (Affiliated with NYSFOLA member lake association)	\$100.00

Individual Memberships:

Individual Membership (not a member of a NYSFOLA member lake association)	\$ 25.00
Individual member of a NYSFOLA member lake association in good standing	\$ 15.00

Corporate Membership:

\$250.00

Student Membership (with copy of valid student ID)

\$15.00

Name of Lake Association or Individual _____

Location (County) _____ **Sponsor (if any)** _____

Contact Name _____

Address _____

City, State, Zip _____

Telephone _____

E-Mail _____

Web site _____

Amount Remitted _____ Check # _____ Date _____



Send Payment to:

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

IS YOUR NEIGHBORING LAKE ASSOCIATION A MEMBER OF NYSFOLA? IF NOT, REACH OUT TO THEM, AND INVITE THEM TO JOIN US! (OR SEND US THEIR CONTACT INFORMATION)

WATERWORKS
New York State Federation of Lake
Associations, Inc.
P.O. Box 84
LaFayette, NY 13084

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