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30th Annual Conference

"Managing Lakes in a Changing World"

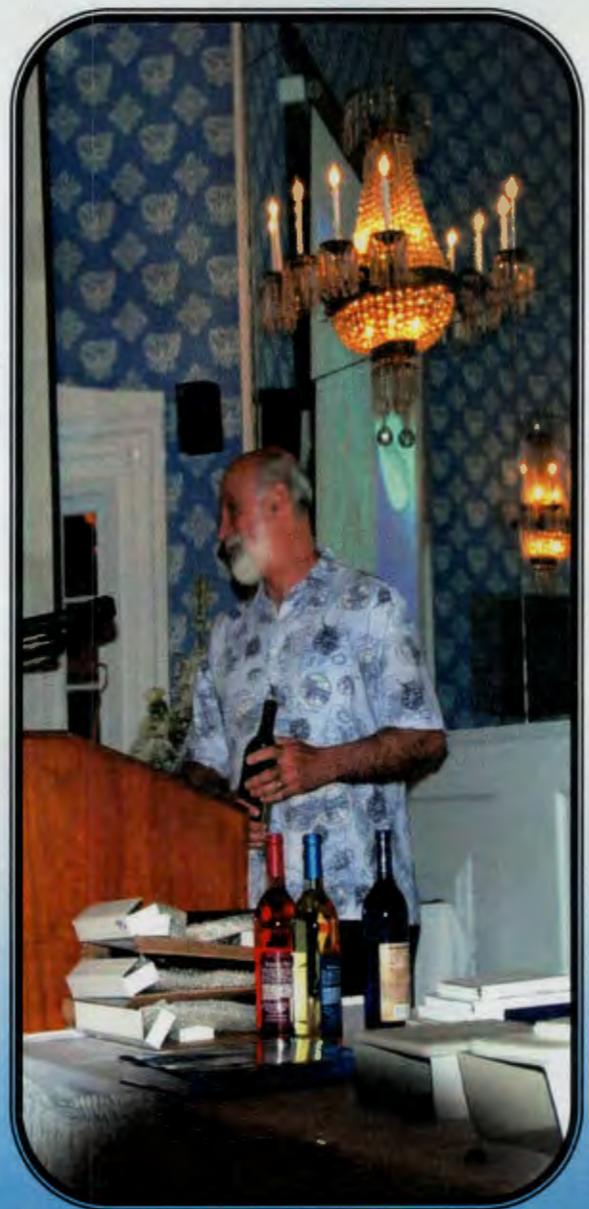
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Has it really been 30 years since the first NYS-FOLA annual conference? It has!

Lake association members have seen many changes to their lakes over three decades. For some, nutrients have increased, invasive species have found their way into lake ecosystems, and the cost of lake management strategies has risen just as government programs have dried up. In other places, the impacts of acid rain have started to ease. Management strategies have reduced nutrient levels, and real progress has been made toward improving water quality.

How is your lake changing in this changing world?

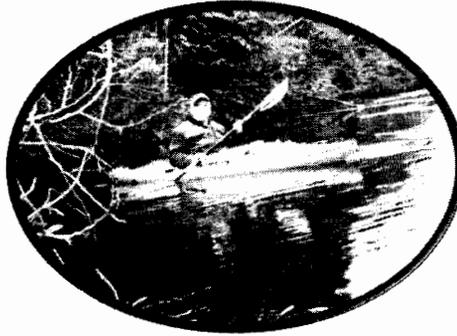
We invite you to join us for the 30th annual NYSFOLA conference and membership meeting. For some of you, the first weekend in May is almost like a homecoming weekend, and we look forward to seeing those familiar faces each year. It is also a time for new friends to join us and become more active members of our organization. This is NYSFOLA's biggest event of the year, and it gives everyone an opportunity to become acquainted with the Board members and to meet people from other lake associations, academia and government. There are also many exhibitors who can help you with your lake management needs. Don't forget to bring something for the Silent Auction! It's a fun way to raise money for NYSFOLA. See you at White Eagle!



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.

Published by:

New York State Federation of Lake Associations, Inc. P.O. Box 84 LaFayette, NY 13084-0084 Phone: (800)796-3652 e-mail: fola@nysfola.org www.nysfola.org



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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.

As I write this, I realize that this is my last message as President. I look forward to passing the gavel to President-Elect, Walter Dutcher. I am confident that under his leadership NYSFOLA will continue to grow in membership, activities, and financial stability. I must say first what a privilege it has been to be your President. My term has been no more and no less of a success than those that preceded me. We all build on the accomplishments of those who came first just as those who follow will build on what we have done. One of the wonderful aspects of being President of NYSFOLA has been working with a great group of dedicated, bright and talented individuals, who are committed to improving and enhancing lake water quality, all of whom take time away from their busy schedules to volunteer for NYSFOLA.

The past two years have gone by quickly, but as I look back there are several important highlights we accomplished:

- We have launched for the first time, a Scholarship program, supporting students who are working toward a Master of Science Degree in Lake Management. The scholarship program is a partnership between NYSFOLA, SUNY Oneonta, the graduate student, and sponsoring NYSFOLA lake associations.
We expanded our awards to recognize counties and businesses that support lake management and NYSFOLA programs.
A new financial committee was formed for state of the art investment strategies.
We reorganized our policies for NYSFOLA's employee.
We added some color to our newsletter at no extra cost! Thanks to Nancy.
Our Diet books have been on sale at Amazon.com now for two years.
We submitted a proposal to host the 2015 North American Lake Management Society (NALMS) International Symposium in New York.
Regional meeting expansions: We are not only covering the state with our Central Area Annual Conference, and the long standing Western Regional Meeting, we now have a new South-Eastern Regional Meeting committee organized, and planning future NYSFOLA's sponsored meetings this year.
A very big change in how the CSLAP program has been administered in the past occurred this year. A long term contractual partnership has been established between the NYSDEC and NYSFOLA, as a result of many hours of negotiations. Thanks to our attorney David Wright's efforts, an agreement has been signed. This agreement should stand as a model partnership involving NYSFOLA's vast and dedicated lake volunteers and the New York State Department of Environmental Conservation.
A new NYSFOLA web site has been developed providing our membership with terrific real time information and links to a enormity of lake related information, as well as, a library for CSLAP data. http://nysfola.mylaketown.com
We expanded many new committees over the last two years and set up conference calling to improve our committee communications. We have set the stage to increase our membership, and improve our overall public exposure.

My last official undertaking as NYSFOLA president will be to help bring to you a special 30th Anniversary Conference Event. We are extremely excited to have a long list of topics pertaining to this year's theme of "Managing Lakes in a Changing World". We have built into this year's program, a long list of speakers, all experts in their fields from around the state. We are thrilled to have Mr. Robert Kukenberger, P.E. as our keynote speaker. Mr. Kukenberger has been working on engineering environmental solutions for lakes for over four decades, and has served as both a NYS lake Association President, and President of the New York State Water Environment Association. Mr. Kukenberger is actively involved with the Onondaga Lake cleanup efforts, which is the largest lake water quality improvement program in the history of NYS.

Our lakes are facing one of the most troublesome aquatic plants found in the United States. At this year's conference NYSDEC's *Lakes Monitoring and Assessment Section*, Chief, Scott Klishbaugh, will hold a special session on the rapid spread of Hydrilla throughout NYS, and actions that the DEC has and will be taking. Hydrilla can grow an inch a day, and cover an entire lake in 2-5 years. The management options are very difficult, expensive, and time consuming. You will not want to miss Scott's Hydrilla session at this year's conference.

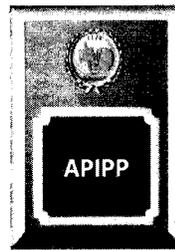
It has been an honor to serve as President of NYSFOLA, and I thank you for your continued support of an organization working to protect our lakes, positively one of the most important, cherished, vulnerable, resources in our state.

Lake Steward Award

Has someone from your lake association gone "above and beyond" the call of duty? Nominate them for NYSFOLA's annual "Lake Steward Award" which recognizes outstanding volunteer contributions to our lake associations.

Send a brief description of the contributions this person has made to your lake association and the benefits gained because of their efforts. Awards will be presented at the annual NYSFOLA awards banquet.

Send to: NYSFOLA PO Box 84 LaFayette, NY 13084 or foia@nysfola.org



Congratulations to the Adirondack Park Invasive Plant Program

The Adirondack Park Invasive Plant Program (APIPP) recently received the 2013 National Invasive Species Awareness Week Award in the category of Outstanding Achievement in Invasive Species Leadership. The award was announced on March 19th.

The program began in 1998 as a grassroots effort to address threats posed by invasive species in the Adirondack region. Under the guidance of Hilary Smith, it became the model for New York State Partnerships for Invasive Species Management (PRISMs). APIPP successfully trained and coordinated hundreds of

volunteers, developed statewide partnerships and provided local and statewide education and action against invasive species. NYSFOLA members have most certainly benefitted from the work of this organization, and we are looking forward to Hilary speaking at our conference again this year.

APIPP has several Aquatic Invasive Plant Training sessions planned this year. This is a great opportunity to become involved!

2013 Training Schedule ~

Aquatic Invasive Plant Training
Date/Time: June 20 / 10:00 a.m. - 2:00 p.m.

Location: Bolton Landing, Darrin Fresh Water Institute
RSVP: By June 13
Contact: Meghan Johnstone, mjohnstone@tnc.org; 518-576-2082 x 119

Aquatic Invasive Plant Training
Date/Time: June 25 / 10:00 a.m. - 2:00 p.m.

Location: Paul Smith's College
RSVP: By June 13
Contact: Meghan Johnstone, mjohnstone@tnc.org; 518-576-2082 x 119

Aquatic Invasive Plant Training
Date/Time: June 27 / 10:00 a.m. - 2:00 p.m.

Location: Raquette Lake
RSVP: By June 13
Contact: Meghan Johnstone, mjohnstone@tnc.org; 518-576-2082 x 119

Blue-Green Algae on Conesus Lake

This article was originally published in the Winter 2012-2013 edition of "Laker News," the Conesus Lake Association's biannual newsletter (and multiple winner of NYSFOLA's newsletter award). It being reprinted here with permission of the Conesus Lake Association (CLA) and the Livingston County Department of Health. We thought that the idea of a Blue-Green Algae Rapid Response Plan would be of interest to our membership. Special thanks to authors Cathy Higgins, Livingston County Watershed Inspector; Miranda Reid, Conesus Lake Watershed Manager; CLA newsletter editor John Connelly; and the CLA Board of Directors.

For those of you who have lived on Conesus Lake for many years, and especially those of you who reside in a cove area on the lake, you have likely seen a floating green substance near the shoreline in late summer resembling pea soup. This green intrusion is referred to as blue-green algae, but they really are bacteria called *cyanobacteria*.

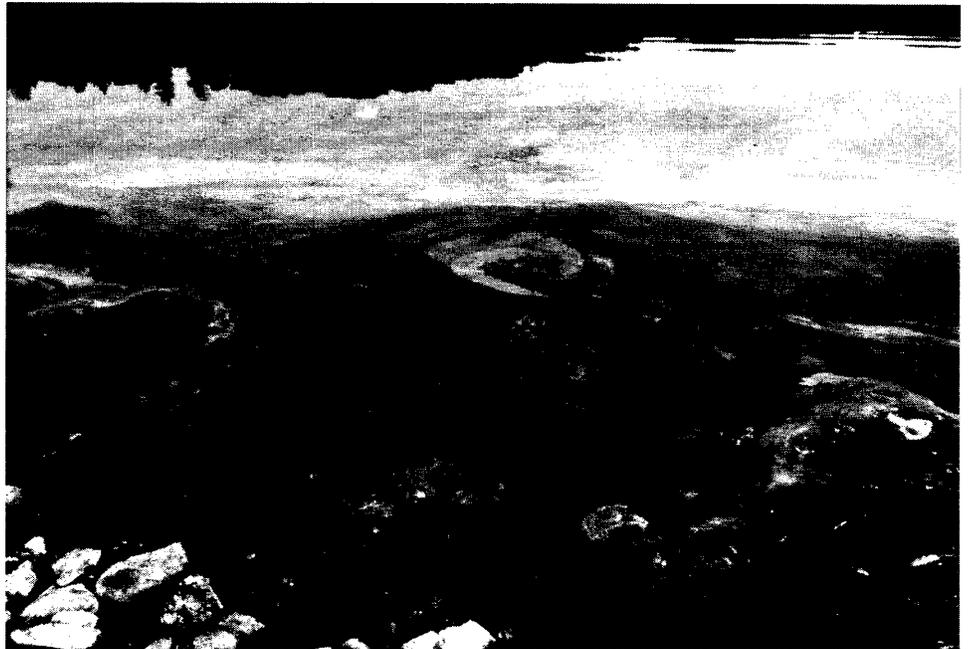
Blue-green algae are a group of photosynthetic bacteria (using energy from the sun and chlorophyll) that have the potential to release harmful toxins and skin irritants. They are naturally present in low concentrations in surface water but, in a combination of certain environmental conditions, can promote thick blooms where toxins may be concentrated enough to be a health threat.

Not all species of blue-green algae are known to produce toxins. Some blooms can consist of multiple toxic and non-toxic species together. Potentially toxic species of blue-green algae release toxins as the cells age and die; however, it is not uncommon for young cells to actively release toxins randomly. This unpredictability of toxin releases causes all blue-green algae blooms to be potentially dangerous and suspect at all times.

Blue-green algae toxins have the potential to cause illness in humans and animals. You can become exposed to toxins through swimming, inhaling

water spray, or by swallowing contaminated water. Blue-green algae exposure in humans can result in the following symptoms: rashes and blisters,

blue-green algae cells from drinking water with algae present and collected on their coats through grooming. Blue-green algae exposure in pets, follow-



A Citizen Monitoring Program was developed on Conesus Lake to train interested residents and the Sheriff Marine Patrol deputies to identify blue-green algae. This photo shows a typical shoreline blue-green algae bloom (not on Conesus Lake).

Photo courtesy of Tony Grillo, Song Lake Association.

fever, headache, eye/nose/throat irritation, muscle pain and weakness, difficulty breathing, vomiting, diarrhea and abdominal pain, and dry coughs.

However, these symptoms are not just caused by harmful toxins. If you experience any of these symptoms and they persist, you should seek medical advice.

Pets are very sensitive to the toxins due to their small size and can ingest

ing contact with surface water, can result in the following symptoms: vomiting, diarrhea, lethargy, and loss of appetite. Pets that ingest water containing blue-green algae can become severely ill or even die.

Please do not wade or swim in water containing algae blooms, and please do not let your pets drink lake water or swim through blue-green algae blooms. To alert the public of poten-

tial health threats associated with direct contact with blue-green algae, the Conesus Lake Watershed Council approved our first Blue-Green Algae Early Detection and Rapid Response Plan in 2011. The purpose of the plan was to outline activities that will be implemented in response to a major blue-green algae bloom on Conesus Lake. The plan identifies actions that are deemed essential to identify a blue-green algae bloom, assess its magnitude, and determine the potential for public health concerns associated with a bloom. If public health impacts are expected, notifications to the public will be made to identify actions that residents and lake users can take to protect themselves.

As part of the plan, a Citizen Monitoring Program was developed to train interested lake residents and the Sheriff Marine Patrol deputies to differentiate between blue-green algae and other forms of algae and to help spot suspect algae blooms. In 2011, 12 lake residents and Marine Patrol staff were trained in blue-green algae identification.

Last year, on September 9, the Marine Patrol reported a blue-green algae bloom located at the shoreline at the New York State Boat Launch. The newly completed Rapid Response Plan was activated for the first time, and public notification was distributed to residents in the area as well as to boat launch staff. Further assessment of the lake resulted in additional public notifications in the Long Point Park area. As a result, a large number of residents are more aware of the dangers of blue-green algae and what to do in the event of a bloom. We should add that the bloom dissipated the following day along with safety concerns associated with it.

In 2012, several algae blooms were present on the shoreline of a few coved areas in early August. The blooms were heavier and developed earlier than the previous year, most likely due to the mild winter and warmer lake temperatures. Even though the Health Department staff delivered door-to-door notifications, because such a large section of the Cedar Crest area (east side of the lake near Camp Stella Maris) was affected by the bloom, it was difficult to reach all of the local residents. Thankfully, the Conesus Lake Association was able to assist us by sending out a public notification to all of their e-mail recipients.

The Conesus Lake Watershed Inspection Program staff, the Sheriff's Marine Patrol, and concerned citizens will continue monitoring the lake for blue-green algae blooms and notify the public as warranted to inform as many people as possible of health concerns related to these blooms. If you see a suspect blue-green algae bloom on Conesus Lake, please report it to the Conesus Lake Watershed Inspector at (585)243-7280. If you would like to become a blue-green algae monitor, contact the Watershed Inspector about blue-green algae training to be scheduled in 2013. For more information on blue-green algae, visit the Livingston County Department of Health's website at: <http://livingstonecounty.us/doh/htm> or the Livingston County Planning Department's website at <http://livingstonecounty.us/planning.htm>.

Cathy Higgins
Conesus Lake Watershed Inspector

Miranda Reid
Conesus Lake Watershed Manager

DEC Website For Blue-Green Algal Bloom Notices



Photo courtesy of Joe Montuori, Kirk Lake

The New York State Department of Environmental Conservation will be continuing its blue-green algal bloom public notification website in 2013 <http://www.dec.ny.gov/chemical/83310.html>.

Much of the information used on the website is collected through the Citizens Statewide Lake Assessment Program (CSLAP), and we applaud our volunteers who have been diligently collecting and submitting samples.

CSLAP bloom samples are analyzed by the Department of Chemistry at the SUNY College of Environmental Science and Forestry, and we owe a special thanks to Dr. Gregory Boyer and his staff for all of their hard work.

New York State Federation of Lake Associations, Inc.
 30th Annual Conference and Membership Meeting
Managing Lakes in a Changing World
 May 3-5, 2013
 White Eagle Conference Center - Hamilton, NY

Thursday May 2, 2013

(Early Arrival Package)

6:30 pm to 7:30 pm Dinner at White Eagle Lodge
 7:30 pm to 8:30 pm Teepee Open for Hospitality

Friday May 3, 2013

7:30 am to 8:30 am Breakfast at White Eagle Lodge
 9:00 am Registration Desk Opens at the Appley Center
 9:30 am to 9:45 am Welcome & Logistics - Chandelier Room, Appley Center
 Silent Auction Begins; Exhibit Hall Opens



SESSION 1

Boat Launch Inspection Programs: Slowing the Spread of Aquatic Invasive Species

10:00 am to 10:30 am An Overview of Invasive Species Programs and Efforts - Hilary Smith, Director, Adirondack Park Invasive Plant Program

10:30 am to 11:00 am Voluntary Boat Launch Steward Programs in the Adirondack Park - Eric Holmlund, Director, Watershed Steward Program, Paul Smiths College

11:00 am to 11:30 am Discussion - Q&A

11:30 am to noon The Raquette Lake Experience: Internet Based, Video Launch Ramp Monitoring System— Keith Hawks, President, Raquette Lake Association

Noon - 1 pm Lunch in the Chandelier Room

1:00 pm to 1:30 pm Using Students: Will it Work? Lake Placid Hopes So! - Mark Wilson, President, Shoreowners Association of Lake Placid

1:30 pm to 2:00 pm Around the State: Finger lakes Institute Watercraft Steward Institute - Sarah Meyer, Community Outreach Coordinator, Finger Lakes Institute

2:00 pm to 2:30 pm What Other States are Doing - Dean Long, NYSFOLA Board of Directors, Director of Environmental Planning, The LA Group, PC

2:30 pm to 3:00 pm Moving Towards Mandatory: The Lake George Initiative - Kristen Rohne, Watershed Educator, Lake George Association

3:00 pm to 3:30 pm The State Plan: Invasive Species Transport Law Update - Dave Adams, Coordinator, NYS Department of Environmental Conservation Office of Invasive Species Coordination

3:30 pm to Q&A and Wrap Up - Room Registration at White Eagle Lodge

(The NYSFOLA Board of Directors will meet at 3:00pm in the Kastens Room)

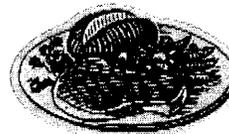
SESSION 2**Algae and Nutrient Management**

10:00 am to 10:30 am	Identifying Blue-Green Algae - What is a Harmful Algal Bloom? -Dr. Gregory Boyer, Chairman, Department of Chemistry, SUNY College of Environmental Science & Forestry
10:30 am to 11:00 am	Health Implications: What are We Learning in New York? - James Hyde, Research Scientist, NYS Department of Health, Center for Environmental Health, Bureau of Public Water Supply
11:00 am to 11:30 am	HAB Monitoring Results: What are we Finding in New York? - Dr. Gregory Boyer, Chairman, Department of Chemistry, SUNY College of Environmental Science & Forestry and Scott Kishbaugh, P.E., Chief, Lake Monitoring & Assessment Section, Division of Water, NYS Department of Environmental Conservation
11:30 am to noon	Notifying the Public: What and How are we Doing? - Scott Kishbaugh, Chief, Lake Monitoring & Assessment Section, Division of Water, NYS Department of Environmental Conservation
Noon to 1:00 pm	Lunch in the Chandelier Room
1:00 pm to 1:30 pm	Using Aeration Technology to Control Harmful Algal Blooms - Dr. Josette LaHee, Limnologist, Vertex Water Solutions
1:30 pm to 2:00 pm	Phoslock® A New Product for Nutrient Control in Sediments - Sarah Miller, Aquatic Specialist, Atlantic Coast, SePRO Corporation
2:00 pm to 2:30 pm	Managing Nutrients in the Watershed: A Pennsylvania Case Study - Dr. Fred Lubnow, Director of Aquatic Programs, Princeton Hydro LLC
2:30 pm to 3:00 pm	What is a Total Maximum Daily Load (TMDL)? Cleaning Up Chautauqua Lake - Ron Entringer, Chief, Watersheds Program Coordinator, Division of Water, NYS Department of Environmental Conservation
3:00 pm to 3:30 pm	Source Water Protection for Public Water Supplies (and other lakes) - Dr. Chi Ho Sham, Vice President, The Cadmus Group, Inc.
3:30 pm to	Q&A and Wrap Up - Room Registration at White Eagle Lodge

5:00 pm to 6:00 pm Cash bar at the Tepee in "The Grove" across from White Eagle Lodge

6:00 pm to 7:00 pm Dinner at White Eagle Lodge

7:00 pm to ?? Tepee Open for Refreshments

**Saturday May 4, 2013**

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

8:00 am to 4:00 pm Registration Continues at the Appley Center

8:30 am to 9:00 am Welcome and Logistics, Chandelier Room, Appley Center

CONCURRENT SESSIONS BEGIN, SILENT AUCTION & EXHIBITS OPEN

SESSION 1**Diet for a Small Lake: An Introduction to Lake Ecology and Lake Management**

9:00 am to noon

NYSFOLA Board member Dr. Bill Harman and his staff at the SUNY Oneonta Biological Field Station and Dr. Peter Tobiessen, Professor Emeritus, Union College explain the basics of lake ecology and how to address lake management issues. This is a great session for "limnology beginners."

SESSION 2**Onsite Wastewater Management for Lake Associations**

9:00 am to 9:40 am

Role of Septic Systems in Lake Management: Experiences from Canadarago and Chautauqua Lakes - Janet Rigby, Canadarago Lake Association and Jeff Diers, Watershed Coordinator, Chautauqua County Department of Planning and Economic Development

9:40 am to 10:20 am

Homeowner Education Workshops on Wastewater Management in Two Lakeshore Communities - Amy Galford, Extension Associate-Water Quality, Cornell University

10:20 am to 10:35 am

BREAK

10:30 am to 11:15 am

TBA

11:15 am to noon

What Needs to be Special About Wastewater Systems Around Your Lake - Jim Cunningham, NYSFOLA Board of Directors, President, NWT Inc.

SESSION 3**The Hydrilla Invasion: You Need to Know ths Plant!**

9:00 am to 9:40 am

Hydrilla in New York: Where it is and Why we Care - Scott Kishbaugh, Chief, Lake Monitoring & Assessment Section, Division of Water, NYS Department of Environmental Conservation

9:40 am to 10:20 am

The Cayuga Infestation: What it Take\$ to Manage Hydrilla - Bob Johnson, Racine-Johnson Aquatic Ecologists and Glenn Sullivan, President, Allied Biological Inc.

10:20 am to 10:35 am

BREAK

10:35 am to 11:15 am

Hydrilla Management in the Erie Canal and Beyond - Scott Kishbaugh, Chief, Lake Monitoring & Assessment Section, Division of Water, NYS Department of Environmental Conservation

11:15 am to noon

Hydrilla Surveillance: What Role Can You Play? Greg Sargis, Stewardship Ecologist, The Nature Conservancy

SESSION 4**Lake Related Issues**

9:00 am to 9:40 am

Managing Eurasian Watermilfoil at Tuxedo Lake, NY - Chris Doyle, Aquatic Biologist, Allied Biological, Inc.

9:40 am to 10:20 am

iMap Invasives Training - Meg Wilkinson, iMap Director, NY Natural Heritage Program

10:20 am to 10:35 am

BREAK

10:30 am to 11:15 am

Changing Climate, Changing Lakes - Rebecca Schneider, NYSFOLA Board of Directors, Associate Professor and Extension Leader, Department of Natural Resources, Cornell University

11:15 am to noon

TBA

SESSION 5

Available Throughout the Day

It's Movie Time!

Enjoy some short, informative videos about lake related issues. A DVD player will be set up throughout the day.

Noon to 1:45 pm

Lunch and NYSFOLA Annual Membership Meeting

AFTERNOON CONCURRENT SESSIONS BEGIN

9:40 am to 10:20 am

Homeowner Education Workshops on Wastewater Management in Two Lakeshore Communities - Amy Galford, Extension Associate-Water Quality, Cornell University

SESSION 1

2:00 pm to 4:30 pm

CSLAP Training on Lake Moraine

CSLAP training for new volunteers or for those needing a refresher course. Pre-registration is requested (see registration form); We will be in the lab and on the lake. Dress for the weather. Scott Kishbaugh, NYS Department of Environmental Conservation; Nancy Mueller, NYSFOLA Manager and Jan Shields, NYSFOLA Board of Directors & Babcock Lake CSLAP Volunteer will demystify the Secchi disk, Kemmerer bottle, and filter apparatus!

SESSION 2

2:00 pm to 4:30 pm

Aquatic Plant Identification Workshop

Join Bob Johnson, Racine-Johnson Aquatic Ecologists and Chris Doyle, Allied Biological Inc. for this "perennial" favorite! If you can't tell duckweed from pondweed, this is session for you!

SESSION 3

2:00 pm to 3:00 pm

Membership and Momentum Building for Lake Associations

Increasing Your Membership and Volunteerism: The Ballston Lake Experience - Frank Shipp, President, Ballston Lake Association

3:00 pm to 3:15 pm

BREAK

3:15 pm to 3:45 pm

Does Your Lake Association Have a Website? - Dan Cronin, MyLaketown.com

3:45 pm to 4:15 pm

Working Together to Make Things Happen! The Cortland-Onondaga Federation of Kettle Lakes Association - Tarki Heath, NYSFOLA Board of Directors, COFOKLA

4:15 pm to 4:30 pm

Discussion and Wrap Up

SESSION 4

2:00 pm to 2:30 pm

Aquatic Plant Management

Ecology and Management of Aquatic Plants - Dr. Fred Lubnow, Princeton Hydro, LLC

2:30 pm to 3:00 pm

Citizen Monitoring of Aquatic Plant Abundance Using ciBioBase - Jess Amo, Contour Solutions, LLC

3:00 pm to 3:15 pm

BREAK

3:15 pm to 3:45 pm

Just Pick It! Why Hand Harvesting Continues to Work - Andrew Lewis, Aquatic Invasive Management, LLC

3:45 to 4:15 pm

Utilizing Grass Carp to Manage Aquatic Invasive Species - Dr. Bill Harman, NYSFOLA Board of Directors, Director, SUNY Oneonta Biological Field Station

4:5 to 4:30 pm

Discussion and Wrap Up

SESSION 5**Lake Law 2013**

2:00 pm to 4:30 pm

Does your lake association need by-laws? What about insurance? What about those covenants^{*} in your deeds? How do you get people to pay dues? How do you get a permit for lake management activities? What is SEQRA anyway? NYSFOLA Board of Directors member David Wright, Esq. and Dean Long answer those questions and many more.

5:00 pm to 6:00 pm

Annual NYSFOLA Wine and Cheese Party

6:15 pm

Silent Auction Winners Announced

6:30 pm

NYSFOLA Awards Banquet, Chandelier Room, Appley Center

~8:00 pm

Guest Speaker: *Reclaiming the Birthplace of the Haudenosaunee: The Onondaga Lake Restoration Project* - Bob Kukenberger, Project Manager, Onondaga County "Save the Rain" Project

Tepee Open for Refreshments

Sunday May 5, 2013

7:00 am to 8:00 am

Breakfast at White Eagle Lodge

8:30 am

Sessions at the Appley Center

SESSION 1**Using CSLAP Data to Make Lake Management Decisions**

8:30 am to 9:00 am

The Data is Best When You Follow the Protocol: How to Avoid the Oops and Whoops - Nancy Mueller, NYSFOLA Manager

9:00 am to 10:00 am

What the Data Means and How You Can (and Why You Should) Use it - Scott Kishbaugh, NYS Department of Environmental Conservation

10:00 am to 11:00 am

CASE STUDIES—FIELD TRIP TBA (We're working on it!)

SESSION 2

TBA

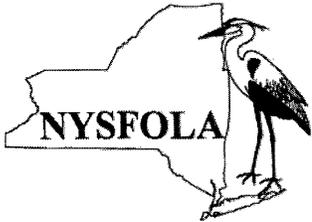
NYSFOLA NEWSLETTER AWARD

Does your lake association have a great newsletter? Send us a copy or bring it to the conference. Each year NYSFOLA recognizes outstanding lake association communications with an annual newsletter award. There are separate categories for large, medium, and small lake associations. They don't have to be professional publications. Let us share your news. We would love to be on your mailing list so that we know what is happening at our member lake associations.

DON'T FORGET THE SILENT AUCTION

Each year at the annual conference, the NYSFOLA Silent Auction is a great source of fun. It now serves as revenue for our lake management scholarship program. Bring an item to sell. It's a lot of fun! Items can be lake related, but they don't have to be. We hope to see you there! Bid high, and bid often!





New York State Federation of Lake Associations, Inc.

**30th Annual Conference - White Eagle Conference Center - Hamilton, NY Friday
May 3rd - Sunday May 4th, 2013**

We will be unable to provide meals or rooms for those registering after April 22nd or at the door. Cancellation refunds will be honored through April 22nd. We encourage early registration to assure room availability.

Early Arrival Package - Includes \$40 registration fee; 3 nights lodging; 8 meals (Thursday dinner through Sunday breakfast); all breaks and sessions and a complimentary copy of "Diet for a Small Lake: The Extended Guide to New York Lake and Watershed Management." () Single Occupancy: \$430 () Double Occupancy \$700 (\$350 per person)

Friday & Saturday Conference Package - Includes \$40 registration fee; 2 nights lodging; 6 meals (Friday lunch through Sunday breakfast); all breaks and sessions and a complimentary copy of "Diet for a Small Lake: The Extended Guide to New York Lake and Watershed Management." () Single Occupancy: \$300 () Double Occupancy \$520 (\$260 per person)

Friday Dinner & Saturday Conference Package—Includes \$40 registration fee; 2 nights lodging; 5 meals (Friday dinner through Sunday breakfast); all breaks and sessions and a complimentary copy of "Diet for a Small Lake: The Extended Guide to New York Lake and Watershed Management." () Single Occupancy: \$285 () Double Occupancy \$490 (\$245 per person)

"Day Tripper" Deal: Friday () and/or Saturday () with lunch includes \$40 registration fee and a complimentary copy of "Diet for a Small Lake: The Extended Guide to New York Lake and Watershed Management."

Friday or Saturday only \$55 or both days for \$70 per person. This package does not include lodging or meals other than lunch.

A la carte pricing:

Lodging: \$115 per night () Single or () Double Occupancy: Thursday () Friday () Saturday ()

Breakfast @ \$11 each () Friday () Saturday () Sunday

Lunch @ \$16 each () Friday () Saturday

Dinner @ \$25 each () Thursday () Friday

Wine & Cheese Reception and Annual Banquet \$30.00 () Saturday

CSLAP TRAINING FOR NEW VOLUNTEERS - PLEASE CHECK THIS BOX IF ATTENDING []

Name of Volunteer _____ Lake _____

A **limited block** of rooms at the nearby (but off-site) Wendt University Inn, owned and operated by the White Eagle Conference Center management, will be available for overflow lodging or for those who would prefer a motel room to an on-site cabin. Please let us know if you have a preference. Otherwise, we will fill the cabin space first. [] motel preferred

Total Enclosed \$ _____

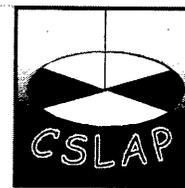
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CSLAPpenings



SEQUESTRATION HITS CSLAP

As this issue of "Waterworks" goes to press, we have been informed that the federal budget sequestration will most likely impact the 2013 Citizens Statewide Lake Assessment Program (CSLAP). The New York State Department of Environmental Conservation (DEC) uses federal funds to pay for CSLAP, and that money is on the cutting board. To



date, we do not know the full impact of the cuts. We have been asked to come up with two different scenarios - a 25% cut and a 40% cut. Since most of DEC's program costs are related to the analytical services, the cuts will come from that portion of the program rather than by eliminating lakes from the program. The NYFOLA CSLAP Committee, which in-

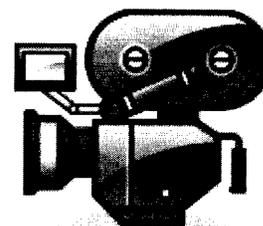
cludes Scott Kishbaugh and Nancy Mueller, has determined that the best way to maintain the integrity of the data would be as follows: The 25% cut will be achieved by eliminating some of the nitrogen parameters since these do not change a great deal throughout the season on most lakes. The 40% cut, and we hope it doesn't come to this, will be achieved by eliminating sampling round 8 in addition to the nitrogen parameters.

A special thanks from Nancy to the volunteers for getting the forms and waiver forms in (almost) on time. The "up front" waiver form process collection was particularly time consuming this year and was due to contractual changes with DEC. The good news is that forms are good, legally speaking, as long as the ink remains readable, and we will only go through this for new volunteers next year.

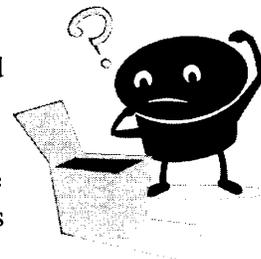
In the meantime, we are preparing for the 2013 season. Equipment and supplies have been ordered. Bottle packing has begun, and we are getting ready for the:

ANNUAL TRAINING SESSION - The annual training session for new volunteers, or for those needing a refresher, will be held on the afternoon of Saturday May 4th at the annual conference (see agenda). If you come for CSLAP Training ONLY, there is no charge. However, you will not have admission to other sessions, meals, or the annual Wine & Cheese party. If you want to take advantage of other conference activities, you need to make that part of your registration.

CSLAP: THE MOVIE! - Last year, DEC used some funding to develop a CSLAP training video that will be used to supplement the written protocol. We expect that this video will be available online by the start of the season for viewing to help volunteers remember the various steps in the sampling process.



CSLAP: THE QUIZ - In an effort to make sure all volunteers understand the protocol, we are developing a quiz which will be used to "certify" CSLAP volunteers. Fear not! This is strictly an open book questionnaire designed to eliminate common protocol errors. We want our volunteers to know the right answers—not be penalized for any wrong ones. This is still very much in draft form, and we will probably ask some of you to be "guinea pigs" to see if the questions make sense, etc. Stay tuned!



We are proud to announce that CSLAP has been featured at two important scientific programs. Dr. Gregory Boyer, SUNY ESF, gave a presentation about our harmful algal bloom sampling to the Association for the Sciences of Limnology and Oceanography, and CSLAP was featured in two talks at the recent Onondaga Lake Scientific Research Forum (using CSLAP data to compare to Onondaga Lake). The samples you collect contribute to the overall scientific understanding of lakes.

Get ready for summer! We're looking forward to it.

Wisconsin Study Confirms that Boaters, Not Ducks, Moving Invasive Species Around

Wisconsin Department of Natural Resources, Madison, WI, Weekly News Article, originally published on March 5, 2013

http://dnr.wi.gov/news/Weekly/WeeklyNews_Print.asp?id=2495 Reprinted with permission.

MADISON – Preliminary results from systematic monitoring of Wisconsin lakes for aquatic invasive species confirm that boaters, not ducks or other birds, are spreading the invaders around, state and University of Wisconsin-Madison researchers say.

None of the wilderness lakes surveyed – those in remote places and easily accessible only to wildlife – had any invasive species present while there was a direct link between the presence of invasive species and boat access from public and private property.

Thirty percent of the lakes with boat access, however, had Eurasian water-milfoil, 18 percent of the suitable lakes surveyed with boat access had zebra mussels, and three lake systems with boat access had spiny water fleas.

“The fact that accessible lakes are the ones that are invaded indicates that these species are moved by boaters,” says Alex Latzka, a University of Wisconsin-Madison graduate student involved in the research. “While birds could transport invasive species from one lake to another, our finding that remote lakes do not have invasive species strongly indicates that birds are not an important factor.”

In recent years, DNR and the UW-Madison have collectively surveyed 450 lakes for aquatic invasive species like zebra mussels, Eurasian water-milfoil and spiny water fleas.

UW-Madison researchers looked for aquatic invasive species in a range of lakes, including wilderness lakes.

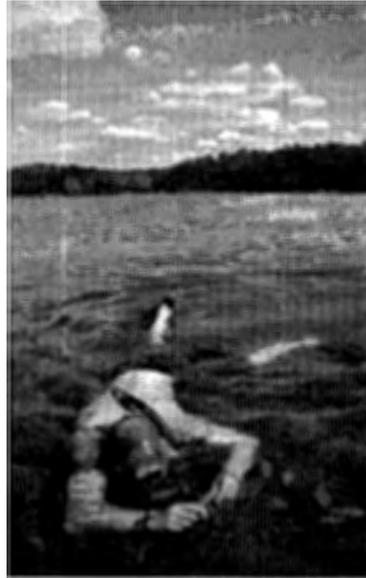
DNR focused its sampling on those lakes more likely to have invasive species present because they had boat access that ranged from wide, paved public boat launches to private boat launches to yard access. DNR is two years into its 5-year sampling effort to understand the prevalence of aquatic invasive species in lakes statewide and also to understand whether efforts to slow the spread are working.

Two years of sampling is not enough to tell if the rate of spread is slowing in lakes with boat access, although there are some positive signs, says Scott Van Egeren, the DNR limnologist who coordinated DNR’s sampling over the past two years.

- The number of lakes DNR surveyed and found with the different invasive species was about the same for both years. Finishing up the five years of monitoring will

help provide information on the rate of the spread.

- Most lakes with boat access were still free of the worst invasive species; 70 percent of the lakes with public access surveyed were free of Eurasian water-milfoil,



State researchers in SCUBA gear looked for aquatic invasive species as part of a five-year monitoring effort. WDNR Photo

despite the fact the invasive plant has been present in Wisconsin for more than 50 years and is considered a relatively widespread aquatic invasive species. And 82 percent of suitable lakes with public access are still clear of zebra mussels, present inland for more than 20 years.

“While we did find one or more invasive species in many of the lakes with private and public boat access, the prevalence of any one of them is relatively low given that some of these invasive species have been present in Wisconsin waters for decades,” Van Egeren says.

Bob Wakeman, who coordinates DNR response to

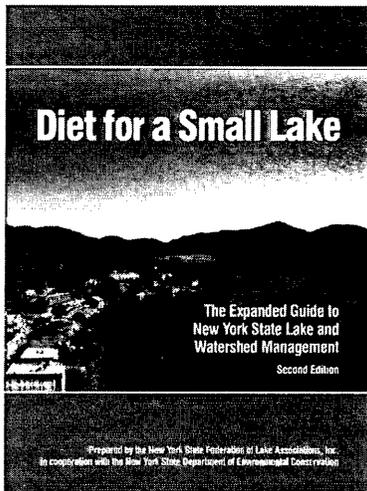
aquatic invasive species, says the preliminary results underscore how important it is that boaters take the required steps to prevent the spread of aquatic invasive species.

Regulations since 2006 for oceangoing ships have effectively halted the introduction to the Great Lakes of new invasive species, Wakeman says, “so it’s up to boaters to keep those invasive species already in the Great Lakes from being spread to inland lakes.

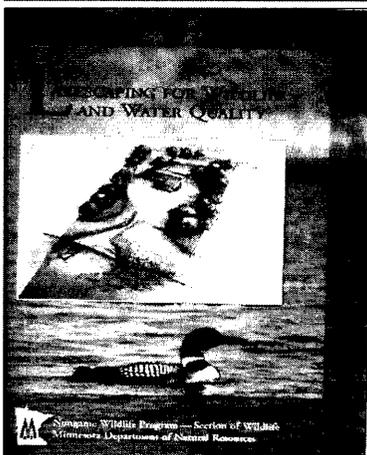
“Out of 184 invasive species introduced to Lake Michigan over the past century, just 29 have made it to inland Wisconsin lakes,” Wakeman says. “Boaters have done a good job in recent years in following the rules, and they can continue to keep the damaging species out of inland waters as long as they take a few minutes to take some simple steps. “And we’re happy to say that ducks are not going to undo your hard work!”

FOR MORE INFORMATION CONTACT: Bob Wakeman 262-574-2149; Scott Van Egeren 608-264-8895; or Jake Vander Zanden, UW-Madison, 608-262-9464

Available from the NYSFOLA Office



Diet for a Small Lake: The Expanded Guide to New York State lake and Watershed Management– This book is a second edition collaboration between the New York State Federation of Lake Associations, Inc. and the New York State Department of Environmental Conservation. It serves as a manual for New York lake associations to understand the complexity of watershed management and lake ecology. It also encourages lakefront property owners to take responsibility for managing their lakes, rather than assuming that government agencies will do so. It guides readers through the basics of aquatic plant management and leads them through the process of developing a comprehensive watershed management plan. The book also addresses applicable federal, state and local laws with emphasis on New York State regulations including those that apply to the Adirondack Park



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Lakescaping for Wildlife and Water Quality: This book as a “must have” for those who want to be lake friendly waterfront property owners. The book includes chapters about lake ecosystems, designing lakeshore landscaping and selecting the right plants to do the job. The book has a bit of an upper-Midwestern bias, but it is very applicable to New York State lakes. Cost: \$20.00 plus applicable sales tax and shipping from the NYSFOLA office.

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Aquatic Plant Harvesting on Little York Lake - Photo by Nancy Mueller