

Waterworks

New York State Federation of Lake Associations, Inc.

March 2020

Inside this issue:

Masthead photo: Labrador Pond
courtesy of Tarki Heath, NYSFOLA
Board of Directors

Presidents Letter	2
NYSFOLA Award (continued)	3
Scientists Criticize new WOTUS Defini- tion	4-5
Ice/On Ice Off Data	6-7
Conference Registra- tion Form	8
Newsletter and Lake Steward Awards	9
Give a Gift to NY Lakes 2019	10
2018 Finger Lakes Water Quality Report	
NYS Lake Atlas Photos Wanted!	11
CSLAPpenings	12- 13
Publication form	14
Membership form	15

NYSFOLA Recognized by NALMS

The New York State Federation of Lake Associations, Inc. was the recipient of the North American Lake Management Society's (NALMS) Leadership and Service Award for Community Outreach and Education presented at the NALMS International Symposium held in Burlington, VT in November. NYSFOLA was recognized for 35 years of significant lake-related community education and outreach efforts.

The award recognizes individuals or teams that demonstrate leadership, service, and practice of lake and reservoir management. According to the NALMS website, selection criteria for Leadership and Service Awards include the *"level of involvement, measurable impact, sustainability of action(s), and innovation in lake and reservoir management."* In the specific area of education and outreach, the award recognizes the *"design, facilitation, or performance of exceptional education and outreach activity facilitating community understanding and appreciation for lake and reservoir management"*.

NYSFOLA Manager Nancy Mueller accepted the honor on behalf of the organization. She said, "It is a great honor to be recognized by the North American Lake Management Society, and we thank our member lake associations, lake management colleagues across the region, and the New York State Department of Environmental Conservation (DEC) for contributing to our success."

NYSFOLA was nominated by Chris Doyle, Senior Aquatic Biologist and Director of Biology at SOLitude Lake Management who is currently serving on the NALMS Board of Directors as the Region 2 Representative. In his nominating letter, Chris wrote:

The New York State Federation of Lake Associations, Inc. (NYSFOLA) was established in 1983 with a mission to "protect the water resources of New York State by assisting local organizations and individuals through public dialogue, education, information exchange, and collaborative efforts." The organization now represents nearly 250 lake associations across the state and serves to provide educational outreach to them in many different ways.

The first goal of NYSFOLA was to establish a volunteer lake monitoring program in New York. In 1985, the Citizens Statewide Lake Assessment Program (CSLAP) was created at

(Continued on page 3)



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

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



Find us on:

facebook

Officers:

Donald Cook, President

Tarki Heath, President-Elect

Richard Henderson, Past President

Willard Harman, Vice President

Walter Dutcher, Treasurer

Janet Andersen, Secretary

Board of Directors:

Matthew Albright

Gene Bolster

Jim Cunningham

Janice Douglass

Tarki Heath

John Jablonski III

Dean Long

Theresa Mayhew

John Murad

Rebecca Schneider

Robert Thill

Kristen Wilde

Laurel Wolfe

Staff: Nancy Mueller, Manager
Owen Zaengle, Assistant Program
Manager

*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.*

President's Letter - Don Cook

The NYSFOLA Board of Directors and staff hope that you are having a pleasant winter. Here at Honeoye Lake we have had an early ice-on followed by a long period of ice off. Ice fishing has come late with no signs of tip-ups until late January. As a result, concern has been expressed about the potential impact on the water quality of the lake.

The CSLAP program has been going well. The NYSFOLA, NYSDEC, and UFI staff have been working hard to prepare for the upcoming sampling season. They have been sharing each month more information on how to improve the program. Thanks to all the associations involved for getting their registrations in on a timely fashion.

Again this year, Lake George Association will be providing their boat to facilitate CSLAP training at the 2020 NYSFOLA Annual Conference at Lake George. I highly recommend new CSLAP volunteers take advantage of this valuable opportunity as well as seasoned veterans. It is a great way to refresh your skills. NYSFOLA and NYSDEC continue to strive to make the CSLAP the best program of its kind.

Learning about ways to improve the water quality of our watershed continued in New York even during the winter months. In January, The Finger Lakes Institute at Hobart and William Smith Colleges organized the 2020 Finger Lakes Research Conference in Geneva. Thanks goes out to Dr. Lisa Cleckner and her staff for putting on a great conference. The keynote speaker was Dr. Rick Relyea, Director of the Darrin Fresh Water Institute; and the Director of the Jefferson Project at Rensselaer Polytechnic Institute. Dr. Relyea reviewed the innovative technologies and methodologies that are being developed as a result of cooperation between IBM, RPI and The Fund for Lake George. He announced that after 6 years of intense work the Jefferson Project is hoping to expand the use of their technologies in other New York lakes and is developing a "data dashboard" for pub-

lic view.

After 3 years as President of the Finger Lakes Regional Watershed Alliance, I have passed the job on to Margie Creamer of Otisco Lake. Over the past 10 years FLRWA's 9 members has seen a dramatic increase in sharing of knowledge and resources. This has been especially valuable in meeting the challenges of HAB and invasive species. I want to thank the help that the Finger Lakes HUB has been providing. Also, thanks to Nancy Mueller for her valuable input and involvement at FLRWA board meetings. I strongly suggest that lakes take a strong look at ways that they can share resources and knowledge. I am always eager to help any group of associations that are interested. One great way to start is through active participation in the NYSFOLA regional meetings.

Please review the Consortium of Aquatic Science Societies' position on the downgrade of Waters of the United States (WOTUS). The NYSFOLA Board of Directors is very concerned about the threats to our lakes and watershed that will result from this deregulation.

I hope to see many NYSFOLA members at our annual conference at Fort William Henry Hotel and Conference Center on May 1st and 2nd in Lake George. Nancy Mueller and the conference committee are putting together a great program. I am sure that all watershed and lake loves will find the conference worthwhile. After a short absence there will be more great wines from the beautiful Finger Lakes wine country in the Silent Auction. The proceeds will help NYSFOLA continue our Gift to SUNY Oneonta to help a member lake association with the development of a watershed management plan. Don't forget to bring your own donation!



the NYS Department of Environmental Conservation (DEC). NYSFOLA has collaborated with DEC to run the program since it began as a pilot on 25 lakes. This year, over 176 sites will be monitored across the state by nearly 400 volunteers. NYSFOLA is charged with running the day-to-day operations of the program and working directly with the volunteers and laboratory to ensure a high-quality dataset.

NYSFOLA has also collaborated with DEC to publish two editions of “Diet for a Small Lake: A New Yorker’s Guide to Lake and Watershed Management.” Thousands of copies of this “lakes for the layperson” publication have been sold in all 50 states and several international countries.

NYSFOLA’s annual conference is held each spring with a large crowd of lakefront property owners, government officials, lake management professionals, and academic researchers in attendance. A wide variety of topics – from aquatic invasive species to dam safety are covered over the two days of the conference, in addition to the annual training session for new CSLAP volunteers, conducted no matter what the weather brings.

In addition, NYFOLA keeps its members current on a wide range of issues through its “Waterworks” newsletter, Facebook page, website, and regional conferences. The organization has encouraged the formation of regional lake groups and collaborates with a wide range of lake-related organizations including, but not limited to, the Madison County Federation of Lake Associations, the Adirondack Lakes Alliance, the Finger Lakes Regional Watershed Protection Alliance, the Cortland-Onondaga Federation of Kettle Lakes Association, and the Indian River Lakes Conservancy. NYSFOLA Manager Nancy Mueller and members of the NYSFOLA Board of Directors are frequent speakers at these conferences and general lake association meetings.

Over the last decade, NYSFOLA has supported the efforts of the SUNY Oneonta graduate program in Lake Management to develop the next generation of lake managers and to assist member lake associations with the preparation of lake management plans. Each year, NYSFOLA provides scholarship assistance so that a deserving member lake association can participate in the program.

NYSFOLA has been a long-time member and active supporter of NALMS and its national goals. They became a “chapter” in 1993 and have remained as an “affiliate” ever since. They have supported many Region 2 NALMS Board Members and were the host committee of the 2015 NALMS International Symposium in Saratoga Springs, New York.

I have personally been active with NYSFOLA for over 14 years. For their 35+ years of accomplishments, it is with great pleasure that I nominate NYSFOLA as a 2019 recipient of the NALMS Leadership and Service Award-Community Education and Outreach.

There were many nominees in the category this year, and it was a true honor for NYSFOLA to receive the award while the symposium was close to home with many NYSFOLA members in attendance. NALMS will celebrate its 40th anniversary this year in Minneapolis, MN.

NALMS 2020

40th International Symposium for the North American Lake Management Society

Including special sessions on:

- shallow lakes
- harmful algal blooms
- carp management
- wild rice
- invasive species
- remote sensing
- tribal perspectives
- climate change
- integrated ecological management



November 16-20, 2020 | Marriott City Center | Minneapolis, MN

NALMS at 40

*Leveraging Diverse Lakes,
Landscapes and People*

www.nalms.org

NYSFOLA Board Supports The Consortium of Aquatic Science Societies Position on WOTUS

Press Release - (Bethesda, MD) January 23, 2020 - The U.S. EPA and the Army Corps of Engineers have redefined the extent of protection for the nation's freshwater resources. The Consortium of Aquatic Science Societies, a group of nine professional societies with a total of more than 20,000 member scientists, strongly criticized the new definition of the

Consortium of Aquatic Science Societies

- American Fisheries Society
- Association for the Sciences of Limnology and Oceanography
- Coastal and Estuarine Research Foundation
- Freshwater Mollusk Conservation Society
- International Association for Great Lakes Research
- North American Lake Management Society
- Phycological Society of America
- Society for Freshwater Science
- Society of Wetland Scientists

“Waters of the United States (WOTUS).” The redefinition is inconsistent with the best-available science. It removes protection for millions of stream miles and acres of wetlands that keep waters and watersheds healthy.

The Clean Water Act's mandate is “to restore and maintain the chemical, physical, and biological integrity of the Nation's waters.” The new rule eliminates protection for waters that otherwise maintain watershed integrity, thus rendering the objectives of the Clean Water Act unattainable.

Impairment of headwaters and wetlands affects water quality and flow for entire watersheds. The rule threatens critical headwater and wetland ecosystem services, like water quality protection, aquifer recharge, organic material transport, safeguarding habitats for endangered species, and support for recreational and commercial fishing economies. Climate change and land use intensification have already shifted waters that were permanent to intermittent and intermittent to ephemeral. Under the revised WOTUS, more waters will lose protection, thus severely undermining our nation's water quality and fisheries.

A recent report from the American Fisheries Society (<https://afspubs.onlinelibrary.wiley.com/doi/abs/10.1002/fsh.10229>), found that headwater ecosystem impairment, loss, or destruction is assured under the revised WOTUS rule, and would have severe and long-lasting consequences for fisheries and environmental conditions throughout the USA. Headwaters act as a conveyor of nutrients, a path for migrating fish and wildlife, and a drainage and storage system for floodwaters. “The published science demonstrates that the loss of protections for our nation's most vulnerable waters will have far-reaching implications for fish, wildlife, and their habitats,” said American Fisheries Society Executive Director Doug Austen, Ph.D.

“We have a clear understanding of the critical functions provided by our wetlands, including maintenance of clean water. We should be seeking ways to preserve and strengthen these benefits. Instead, the proposed new

rule, which flies in the face of good science, will weaken protection for headwater streams and associated wetlands, systems that are key to safeguarding healthy watersheds,” said Loretta Battaglia, Ph.D., President-Elect of the Society of Wetland Scientists.

Our nation’s estuaries and coastal waters are vital to our economic prosperity and sustainability. The health of these waters is influenced not just by the flow of streams and rivers, but also through groundwater connections to wetlands, dammed and diked areas, and ditches in coastal watersheds. “The proposed new rule will weaken protection of the water quality and biological integrity for these vital ecosystems,” said James Fourqurean, Ph.D., President of the Coastal and Estuarine Research Foundation.

Perry Thomas, Ph.D., President of the North American Lake Management Society, said, “Even our highest quality lakes are threatened by erosion and other degradation in their watersheds. If we are going to protect these incredibly valuable water bodies we need to manage stormwater and address erosion in these lake watersheds, but that would be essentially lost under the proposed WOTUS definition that excludes many headwater streams and wetlands.

“The science on the connectivity between headwater streams, wetlands, and ecosystem services like clean water is undisputed,” asserts Amy Rosemond, Ph.D., President of the Society for Freshwater Science, “however, the EPA has chosen to ignore this science. This includes ignoring the conclusions of EPA’s own staff scientists and science advisory board. The new rule is simply not scientifically defensible and the decision to ignore the science was arbitrary and capricious. The logical outcome of today’s rule will be a degradation in water quality and increasing threats to human health.”

For more information on the Waters of the United States, see <https://fisheries.org/policy-media/wotus/>.

The NYSFOLA Board of Directors has unanimously agreed to support the position of the Consortium of Aquatic Science Societies. The quality and quantity of the water in our lakes starts from the upper reaches of the watershed and includes vital wetlands. Concerned NYSFOLA members may wish to contact their representatives in Washington.

For more information about the Consortium’s press release, contact Drue Winters: d winters@fisheries.org
(301) 897-8616 x202



Using a cellphone app to record real-time and historic lake ice cover

By Ken Johnston, Research Specialist, Darrin Fresh Water Institute

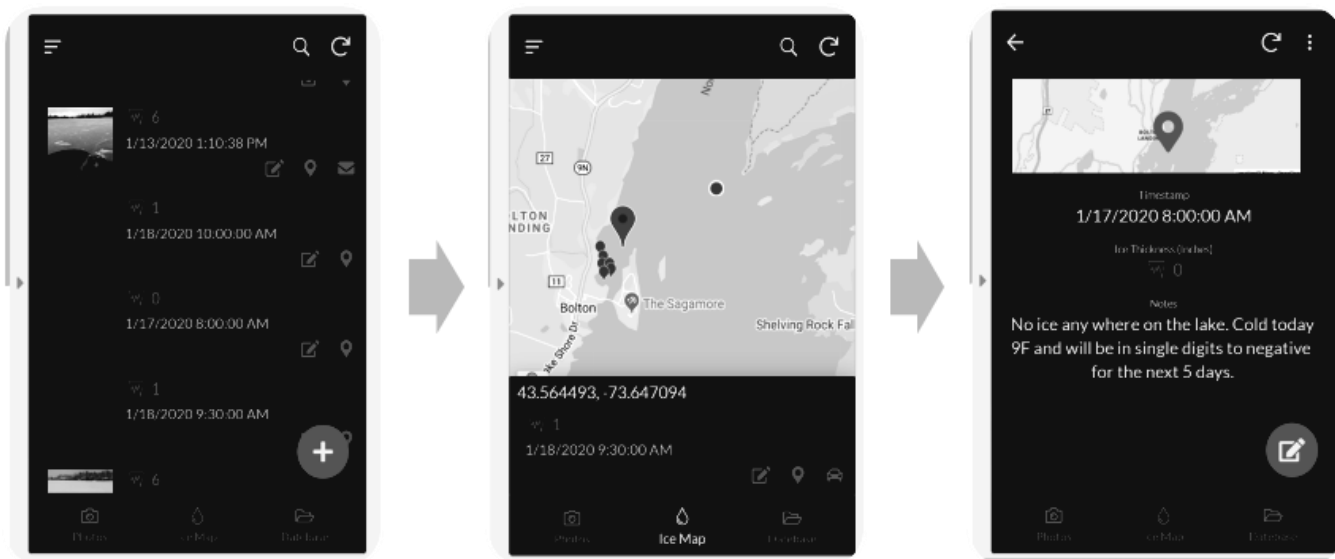
Over the last several decades, climate change in the northeast has resulted in an increase in precipitation, severity of storms and warmer temperatures. Perhaps the most notable changes are warmer winters. Shorter periods of ice cover in winter can cause warmer lake water temperatures, earlier turnover, shifts in algal communities and perturbations throughout lake food webs.



Climate change is considered to be one of the biggest threats to ecosystems around the globe. Monitoring lakes to understand the impact of climate change is a challenging endeavor because they respond unpredictably. A substantial body of research suggests that water bodies' and their surrounding landscapes are very sensitive to changes in climate. However, more analysis and data collection are needed to fully understand the role of climate change.

Winter research on lakes has been neglected and perceived as ecologically unimportant. Recent findings suggest that this is not the case. With ice typically lasting from December to May, ice cover duration greatly influences local climate and economies. Historical, long-term records of ice cover are vital and provide valuable insight into understanding climate impacts on lakes. Some signals related to climate are easily measurable, such as lake level, temperature, and ice cover timing and duration.

With the goal of developing ice cover records throughout NYS, and producing a dataset for scientists to build predictive models, a cellphone application (app) was created to streamline the process of data collection. A cell phone app allows for fast and easy data collection, which are automatically stored in a data cloud. It also allows users to view current or past entries from other users overlaid by Google Maps. Moreover, the app provides a feature to view previous year's



data as well as a compiled NYS dataset.

The app was deployed last winter to crowdsource data from ice fishermen, although participation was limited. In the coming months, support from individuals and statewide lake associations promises to greatly enhance participation. We plan to collaborate with PROTECT the Adirondacks, Paul Smiths College, NYS DEC and lake associations around the state, including those that are members of NYSFOLA.

Participants are asked to share ice cover data (ice on, ice off, and duration). Simply walk out on the ice of your lake, drill a hole, measure the depth, record your time and place (GPS coordinate if possible) and include any notes that you may find important (air temperature, snow depth etc.) on the app. We strongly request that you use safe ice practices. Do not venture out on unsafe ice. Another important thing to keep in mind is the definition of ice on and ice off. Ice on is defined by when a lake no longer navigable from harbors, and ice off is once the lake becomes navigable again. If you provide data, it will be included in the NYS ice cover dataset on the app.

If there are any questions regarding the study or if you would be willing to participate in future winter limnology research, please contact:

Ken Johnston- Research Specialist for the Jefferson Project
Darrin Fresh Water Institute
Bolton Landing, NY 12814
johnsk19@rpi.edu
(5018)644-3541

An aerial photograph of Lake George, New York, showing the town and surrounding forested hills. Overlaid on the image is text for the 37th NYSFOLA Annual Conference. The text is white with a black outline for the main title and a black outline for the dates and location. The registration information is in white text with a black outline. The photo credit is in the bottom left corner.

37th NYSFOLA Annual Conference
“Restoring Our Watersheds”
May 1-2, 2020
Lake George, NY
Registration is now open at
www.nysfola.org
or see page 8
Photo by Don Fisher

ATTENDEE REGISTRATION - NYSFOLA 2020 CONFERENCE

The registration deadline for rooms and meals is **April 17th** (or before if full capacity has been reached). Please register early. We must give meal headcounts to the venue 2 weeks ahead of the conference. As such, no meal tickets can be issued at the conference. Thank you for your understanding.

EARLY ARRIVAL PACKAGE

Includes conference registration, all meals and refreshment breaks (Friday breakfast through Saturday lunch), including the annual wine and cheese party and banquet. Note: Dinner Thursday night is "on your own" in Lake George
\$250 per person []

Don't forget to reserve your hotel room for Thursday and/or Friday nights.
(800)234-0267 Ask for the NYSFOLA conference rate (see below).

FULL CONFERENCE PACKAGE

Includes registration, all meals and refreshment breaks (Friday lunch through Saturday lunch) including the annual wine and cheese party and banquet.
\$230 per person []

Please consider donating an item to our annual Silent Auction!

COMMUTER PACKAGE

Includes registration, refreshment breaks and lunch
Friday only [] \$110.00 per person
Saturday only [] \$110.00 per person
Friday and Saturday [] \$145.00 per person

CSLAP Training - Check here _____ if you plan to attend the all day Saturday CSLAP training event.

Note: Due to capacity restrictions, CSLAP training is limited to new or former volunteers who are signed up to conduct sampling during the 2020 field season. Thank you.

CSLAP Trainees - Lunch on Saturday Only [] \$25.00

Name(s) _____

Affiliation _____

Address _____

City _____ State _____ Zip _____ Email _____

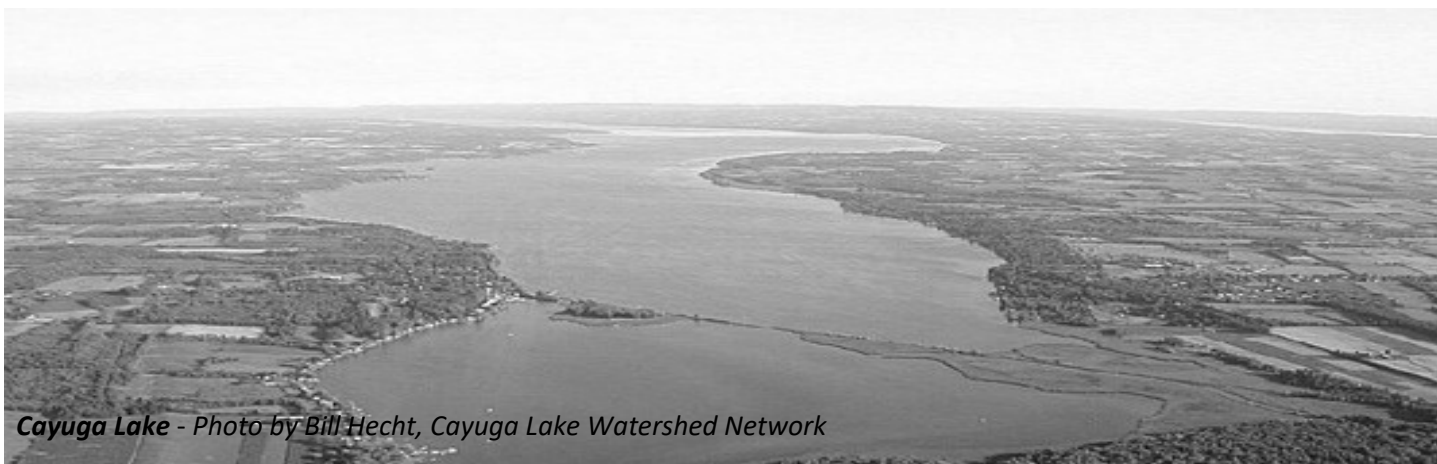
Questions? Please contact Nancy Mueller folan@nysfola.org or (800) 796-3652. Please make check payable to NYSFOLA and mail to: NYSFOLA PO Box 84 LaFayette, NY 13084 — or register online at www.nysfola.org

Fort William Henry Hotel Lodging Costs

Standard Room - \$94.00 plus local taxes and city lodging fee.

Premium Room - \$104.00 plus local taxes and city lodging fee

Grand Basic - \$124.00 plus local taxes and city lodging fee



Cayuga Lake - Photo by Bill Hecht, Cayuga Lake Watershed Network

2020 NYSFOLA Newsletter & Lake Steward Awards

Newsletter Contest - Print and Digital formats

Does your lake association have a newsletter worthy of our attention? Enter it in the annual NYSFOLA newsletter contest. This year, we will have separate categories for print and digital editions.

Entries will be judged on overall appearance; use of color; use of photographs and graphics, publication information; President's message; committee reports; feature articles; and the presence of a masthead, mission statement, table of contents, lists of officers, and calendar of events? In the event of a tie, extra points will be awarded if: NYSFOLA is on your mailing list and/or you include articles about NYSFOLA, the annual conference, or your participation in CSLAP.

To enter - by March 15, 2020

Print Category: Mail 5 hardcopies (one for each judge) of your best 2019 or 2020 issue to:

Theresa Mayhew
Columbia-Greene Cooperative Extension
479 Route 66
Hudson, NY 12534-3404

Digital Category: Email your best 2019 or 2020 newsletter edition to Terri Mayhew at tcm5@cornell.edu. Questions? Call Terri at (518) 828-3346

Has someone gone above and beyond the call of duty for your lake association?

Nominate them for a 2020 Lake Steward Award!

Each year, NYSFOLA pays tribute to outstanding individuals who dedicate their time and energy to benefit their lake association. You know who they are. They're the people who attend every meeting and serve on multiple committees. They find grant money and spend decades serving as CSLAP volunteers. They are the people that are hard to replace, and your association doesn't know what will happen when that time comes. Let them know they're appreciated by all of us.

To enter - by March 31, 2020

Send us a brief summary of their contributions to your lake association via mail or email to:

Lake Steward Award
NYSFOLA
PO Box 84
LaFayette, NY 13084
folan@nysfola.org

The awards will be presented at the annual conference either during the Friday night banquet or at the membership meeting at lunchtime on Saturday.

Give a Gift to New York Lakes

Throughout the year, many of our members send in extra contributions to support the efforts of NYSFOLA. We would like to thank those of you who contributed in 2019. Among other things, your contributions have allowed us to hire extra staff, expand CSLAP, and increase our regional conference efforts.

Secchi Level (\$0-\$49)

Jack Baldwin, Conesus Lake Association
Ken Belfer, Mohegan Lake Association
Lynn Burton, Anawanda Lake Association
Priscilla Ciccariello, Friends of the Long Pond Green Belt
Arthur Hessinger, Anawanda Lake Association
Beverly Hudnut, Windover Lake Corporation
Wayne Johnson, Lincoln Pond Association
David Scudder, Save Our Sodus
Martha Stauffer, Mt. Arab Preserve

Silver Secchi Level (\$50 - \$99)

Timothy and Margie Creamer, Otisco Lake Preservation Association
Faun Lake Association
Hunns Lake Association
Lake Huntington NY Lake Association Inc.

Barbara Jones

Rick Nelson, Owasco Lake Watershed Association

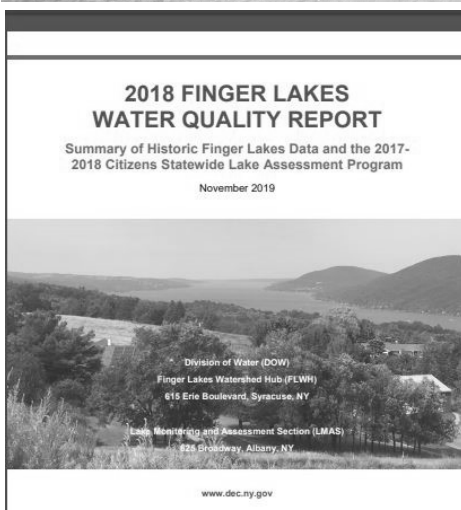
Kathy Sherlock, Tioughnioga Lake Association

Susan Vaughn, Taconic Shores Association

Golden Secchi Level (\$100 - \$499)

Ballston Lake Association
Fretz Beshar, Gipsy Trail Club
Lake Hadlock Association
Willard N. Harman, SUNY Oneonta/NYSFOLA BOD
Valerie and Jim Kozak, Petonia Lake Association
Paradox Lake Association
Jay and Ann Pierz, Stratford-Pleasant Lake Association
Frederick Vanderwerven, Big Fresh Pond Association

Lake Benefactor (\$500 and above)



Finger Lakes Water Quality Report

The New York State Department of Environmental Conservation (NYSDEC) has released the 2018 Finger Lakes Water Quality report which summarizes historic Finger Lakes data in addition to the 2017 and 2018 findings of the Citizens Statewide Lakes Assessment Program (CSLAP). The report can be found at: http://www.dec.ny.gov/docs/water_pdf/2018flwqreport.pdf. NYSFOLA would like to thank all of the Finger Lakes lake associations, the City of Rochester, and the CSLAP volunteers for their contributions. We also thank the NYSDEC Finger Lakes HUB staff for their continued support of the program. We're looking forward to another season with all 11 Finger Lakes in the program.

New York State Atlas of Lakes Project

Wanted: Photos of Your Lake!

by Owen Zaengle, Assistant Program Coordinator

Did you know that New York State has over 7,600 lakes, ponds, and reservoirs? Each one is unique and offers us countless opportunities to learn, experience, and enjoy. The abundance and diversity of New York's freshwater lakes inspired NYSFOLA to undertake an exciting new project. We're creating a "New York State Atlas of Lakes"! The atlas will reside on our website and contain images and information about the state's freshwater lakes, ponds, and reservoirs. The end result will be similar to the LakeWatch Interactive Map published by the Alberta Lake Management Society which can be viewed online at alms.ca/lakewatch-map. This will be an ongoing project as it will take us time to compile information and images. This is where you can help. We need pictures of your lake!

We're looking for an images that you think portray the overall essence of your lake that we can use in the atlas. Ideally, we'd like the images to capture a scenic view of the lake in landscape orientation. If you're willing to help out, that would be great - here's what we need from you:

- A photograph of your lake (landscape orientation preferred)
- Permission to use the photo
- Photo attribution i.e. who took the photo (optional - so we can give them credit)

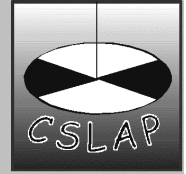
Please send a photo to our Assistant Program Manager, Owen Zaengle, at orzaengle@nysfola.org

We appreciate your help in getting this project moving forward. We'll continue to update you as we progress.



Photo by Nancy Mueller

CSLAPpenings



New York Harmful Algal Bloom System

The New York Harmful Algal Bloom System, or NY-HABS, was launched by the New York State Department of Environmental Conservation (NYSDEC) in 2019. NY-HABS provides significant improvements to NYSDEC's harmful algal bloom (HAB) notification system, originally released in 2012. NYHABS receives electronic reports from the public, beach operators, and routine monitoring efforts, including the Citizens Statewide Lake Assessment Program (CSLAP), that are posted to a publicly available, user-friendly map-based website. NYHABS informs NYS residents and visitors about where harmful algal blooms have been reported across NYS. The HAB reporting season in NYS begins in late May each year and the map is updated Monday through Friday. A link to the NYHABS map can be found on NYSDEC's HAB webpage (<http://www.dec.ny.gov/chemical/83310.html>) or the map can be accessed through the following link, <http://on.ny.gov/nyhabs>.



Cazenovia Lake Bloom 2016 - Photo by Nancy Mueller

How to report a bloom to NYHABS

The NYHABS online reporting form will be accessible through the NYSFOLA Online Data Portal. To report a bloom, log in to the Online Data Portal and submit a HAB report through the trained user online form (also available



Little Wee Wah Lake Bloom 2012 - Photo submitted by CSLAP Volunteers

through this link, <http://on.ny.gov/habproform>). Bloom reports are posted to NYHABS shortly after submission of the online report. NYSDEC encourages all volunteers to include pictures with the bloom report.

Please add pictures to your bloom reports!

NYSDEC recommends that two photos are submitted with each NYHABS report. Photos help DEC staff and other agency partners to confirm your report. When taking bloom photos, please take a picture from a wide-angle view, including the shoreline, and a close-up view. Your report will be included on the map if your photos indicate a bloom is present. NYHABS reports remain active for a two week period. After two weeks, if a bloom is still present, please submit a new report with new photographs.

Features of NYHABS

The NYHABS map includes a guide of how to use the map features and definitions of the symbols and language displayed on the map (the guide is located on the right-hand side of the map). NYHABS information can be viewed in several ways: current blooms (within two weeks), archived

blooms (older than two weeks), or bloom reports may be filtered by county or lake. Also, the NYHABS information may be exported to generate a personalized report.

Know it, Avoid it, Report it!

Some HABs can produce toxins, some do not. However, exposure to any HABs can cause health effects in people and animals when water with blooms is touched, swallowed, or when airborne droplets are inhaled. Exposure to high levels of HABs and their toxins can cause diarrhea, nausea or vomiting; skin, eye or throat irritation; and allergic reactions or breathing difficulties. For more information please visit NYS Department of Health's HAB page: health.ny.gov/harmfulalgae.

NYS recommends that contact with all blooms, surface scums, and visibly discolored water should be avoided.

Know it, Avoid it, Report it!

To learn more about HABs and NYS monitoring of HABs, please visit:

http://www.dec.ny.gov/docs/water_pdf/habsprogramguide.pdf.

Stephanie June, CSLAP Program Coordinator and
Research Scientist, Division of Water
Lake Monitoring & Assessment Section

New York State Department of Environmental Conservation

4th Floor, 625 Broadway, Albany, NY 12233-3502

(518) 402-9255 | stephanie.june@dec.ny.gov



Song Lake Bloom - Photo by Carl Grillo

CSLAP Training for New Volunteers 2020

Greetings to our new CSLAP volunteers. As you know, all volunteers participating in the Citizens Statewide Lake Assessment Program must attend a formal training session. The main training session will be held on Saturday May 2nd as part of the NYSFOLA annual conference. It will be an all day event that includes an afternoon on the Lake George Floating Classroom in all but unsafe weather/lake conditions.

We are also going to host a smaller training session on Little York Lake on Friday May 8th (time TBA). However, due to the size of the vessel, this session will have limited capacity, and priority will be given to Central NY volunteers.

There are also tentative plans to host a session as part of the Indian River Lakes Conservancy conference on Friday May 29th, but logistics have not yet been completed. Likewise, we expect to have a training for a group of new Seneca Lake volunteers, but the date/time has not been established.

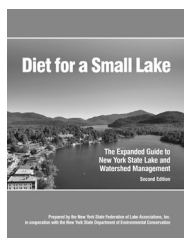
Our schedules get very complicated once the season starts so we hope to see many of you in Lake George. Don't forget to register! <https://nysfola.org/conference-registration/>. There is no charge for the training session. The optional conference lunch is \$25.00.

Dress for the weather!

Photo by Don Fisher



Available from NYSFOLA

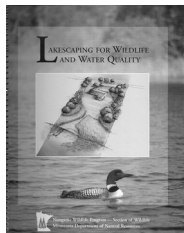


Diet for a Small Lake: The Expanded Guide to New York State Lake & Watershed Management

A “must have” publication for anyone who cares about New York State lakes. This publication offers and 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.

Get them while they last! Softcover \$10.00

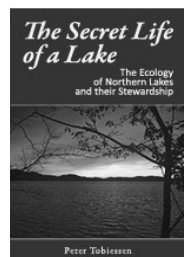
Hardcover: \$15.00



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 ONLY TWO LEFT!



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 Tobiesen 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		
THROUGH THE LOOKING GLASS	\$30.00		
THE SECRET LIFE OF A LAKE	\$19.00		
Shipping & Handling	see	chart	
TOTAL			

Titles can also be ordered online at www.nysfola.org.

2020 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)	\$ 100.00

Individual Memberships:

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

Corporate Membership: \$ 250.00

Name of Lake Association or Individual _____

Location (County) _____

(important if your lake is one of many in the state with the same name)

Contact Name _____

Address _____

City, State, Zip _____

Telephone _____

E-Mail _____

Web site _____



Amount Remitted _____ Check # _____ Date _____

Any Additional Donation? _____

The New York State Federation of Lake Associations, Inc. is a 501(c)(3) not-for-profit corporation registered with the NYS Office of the Attorney General Charities Bureau 28 Liberty Street 15th Floor New York, NY 10005 phone: (212)416-8401. A copy of our latest annual financial report is available from the Charities Bureau or by contacting NYSFOLA at P.O. Box 84 LaFayette, NY 13084. It can also be found online at www.charitiesnys.com. (Enter NYS Federation of Lake Associations in the search space.)

Send Payment to:

New York State Federation of Lake Associations, Inc. (NYSFOLA)

P.O. Box 84

LaFayette, NY 13084 or join/renew online at www.nysfola.org

WATERWORKS

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

NONPROFIT ORGANIZATION
U.S. POSTAGE
PAID
LAFAYETTE, NY
PERMIT NO. 2



Song Lake on a Winter Day by Tarki Heath, NYSFOLA Board of Directors