

Waterworks

New York State Federation of Lake Associations, Inc.

August 2017

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\$1.7 Million for NYS Invasive Species Grants

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sustainable, healthy and strong," Governor Cuomo said. "I encourage New Yorkers to continue in this state's great tradition of environmental stewardship and join in our efforts to protect our forests, lakes, and rivers for future generations."



The awarded projects represent the first round of grants in the Invasive Species Rapid Response and Control Grant Program. The goal of the Department of Environmental Conservation's rapid response for invasive species policy is to promote timely decision-making

and communication in the event of a new invasive species infestation. This policy ensures that grant recipients give adequate attention to all of the necessary components of an effective response including: coordination, communication

(Continued on page 3)



"New York is home to unparalleled natural beauty that must be protected from invasive predators, and with this funding, we will continue to help ensure our environment remains

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.

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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.

Presidents Letter - 2017 A High Water Mark

Lake season is upon us. Summer is nearly half over, and what a summer it's been so far. You may recall that last year, you couldn't start a campfire—it was so dry. New York was in a near-drought condition all summer, and open fires were banned. This year, you can't start a campfire—because it's been so wet! So wet in fact, that folks who put their docks in earlier in the spring have had to either raise them



several times or observe those docks under water. The shorelines of both Lake Ontario and the St. Lawrence River have had high water problems since early spring. Shorelines have been severely eroded and a significant number of homes and properties have been damaged or lost. This serves as a reminder that no matter how much we might think we tame Mother Nature, it is she, who tames us.

While lake and river water levels may seem to be at an extreme, I do recall at least for Black Lake in St. Lawrence County two recent years (2002 and 2011) where water levels were higher than they are currently. The message here is clear: our weather memories are painfully short! It's difficult to recall what environmental conditions were two weeks ago, let alone a decade ago; hence our ability to scale is limited. Clearly, recent memory is the main influence for our view of what's happening in our world.

While dock raising is a necessary chore this year, there is an upside to the high

water, at least on Black Lake. With deeper-than-normal, tannin-stained water, the weed beds are smaller and shallower than in dryer years. I'm also observing lower densities of zebra mussels along the shoreline. Based on DEC's HABS webpage though, it looks like a typical number of NY lakes are already experiencing blooms. We're hopeful at Black Lake that with greater water volume and faster flow through the lake, we might have less severe blooms than in prior, drier years.

Our Boat Launch Steward Program is in its second year (of 3 per the grant) and is very successful—stewards report nearly 100% compliance by boaters and very friendly interactions. The numbers of boats are much higher than previously estimated—over 2,000 boats have been inspected so far this season. About 35% have been found to have

AIS either launching or retrieving. One of our stewards found an Asian Clam and removed it from a launching boat.

Last year's CSLAP report for Black Lake recommended two things, both of which we're committed to continuing: first, continue our boat launch monitoring program and second, encourage residents around the lake to maintain natural or naturalized shorelines. We are doing this by putting articles in our newsletter, doing an email blast to our members and we had a presentation at our annual meeting describing shoreline naturalization—what it is, and some different approaches to achieving it.

I wish you all a great summer, and hope you enjoy the natural beauty of our lakes. Don't forget that NYSFOLA is here to educate and share ideas, approaches and knowledge. Also, please remember that giving a gift to New York Lakes in any amount helps us with our mission.

tion, public outreach, planning, scientific analysis, information management, and compliance with legal and regulatory requirements, resources, and logistics.

The most successful applications for the Invasive Species Rapid Response and Control grants emphasized early detection, rapid response, and monitoring and provided measures to ensure the long-term success of the project.

Applicants also had to clearly demonstrate that they had a strong knowledge of the biology and life cycle of the species being proposed to treat and the

experience and track record to successfully complete the project. Priority was given to projects that provide opportunities for public participation and are located on or in close proximity to lands or waterbodies that offer access to the public.

Grant recipients and awarded projects are:

Mid-Hudson Valley

- Westchester County Parks Department - \$10,467: Invasive Species Eradication.
- Town of Somers (Westchester, Co.) - \$15,000: Town of Somers Invasive Species Rapid Response and Control.
- Bard College (Dutchess Co.) - \$56,920: Bard College Invasive Species Rapid Control Project.
- Town/Village of Scarsdale (Westchester Co.) - \$24,500: South Fox Meadow Brook Knotweed Remediation Project.
- Orange County-DPW - \$100,000: Beaver Dam Lake Aquatic Infestation Control Project.
- New York New Jersey Trail Conference - \$24,483: A Lower Hudson Valley Rapid Response and Control Crew.
- Mianus River Gorge Inc. (Westchester Co.) - \$38,611: Rescuing the Old-Growth Forest in Mianus River

"I first became aware of this grant opportunity on January 24th through our involvement with NYSFOLA. I am pleased to report that Beaver Dam Lake has been awarded a \$100,000 grant to help offset the cost of controlling and eradicating high priority invasive aquatic weeds including water chestnut, Eurasian water milfoil, and curly leaf pondweed present in our lake. Ours was one of only four applications throughout the state receiving the maximum award. Thank you to everyone who helped make this happen.

-Larry Rossini, Chairman, Beaver Dam Lake District Board

Gorge.

- Historic Hudson Valley - \$100,000: Philipsburg Manor Japanese Knotweed.
- Iona College - \$39,916: A new invasive threat: mapping, studying and controlling *Corydalis incisa* (Incised Fumewort) along the Bronx River, Westchester County, NY.
- Groundwork Hudson Valley - \$89,872: Eradicating Invasive Species through Community Leadership in the Urban Environment.

Capital Region

- City of Troy (Rensselaer County) - \$100,000: Rapid Response and Control of Emerald Ash Borer in Street Trees.
- National Audubon Society, Inc. - \$13,640: Phragmites Management at Ramshorn-Livingston Audubon Sanctuary.
- Columbia Land Conservancy, Inc. - \$68,500: Water Chestnut Control at Meizinger Lake and Hand Hollow.
- Town of Malta (Saratoga Co.) - \$20,000: Saratoga Lake Water Chestnut Eradication Project.

North Country

- Upper Saranac Foundation - \$100,000: Fish Creek Aquatic Invasive Species Management Project.
- Town of Chesterfield (Essex Co.) - \$11,000: Butternut Pond Eurasian Water Milfoil Control Project.
- Thousand Islands Land Trust, Inc. (Jefferson Co.) - \$34,865: Carleton Island - Pale Swallow-wort Management Project.
- Saranac Lake Rotary Foundation Inc. - \$21,000: Aquatic Invasive Eradication on Lake Kiwassa.
- Clarkson University (St. Lawrence Co.) - \$58,554: Norwood Lake Invasive Watermilfoil Eradication Project.

(Continued on page 4)

- Hamilton County Soil & Water Conservation District - \$45,000: Adirondack Invasive Species Management Project.
- Colby Foundation (Franklin Co.) - \$50,000: Eurasian Water Milfoil Eradication on Lake Colby.
- Jamestown Audubon Society, Inc. - \$24,921: Audubon Community Nature Center Project to Eradicate Invasive Species *Trapa natans* and *Phragmites australis*.
- Cradle Beach Camp Inc. (Erie Co.) - \$82,282: Emerald Ash Borer (EAB) Elimination Project.

Central New York

- Town of Cazenovia (Madison Co.) - \$48,103: Eradication of *Hydrocharis morsus-ranae* (European Frog-bit) in Cazenovia Lake.



Starry stonewort - Photo credit: NYS DEC

- Tioga County Soil & Water Conservation District - \$11,400: Controlling *Hydrilla Verticillata* in the Upper Susquehanna Basin of NYS.
- Tioga County Soil & Water Conservation District - \$42,934: Developing a Sustainable Invasive Species Rapid Response Network for Central New York while Addressing Needs at an Endangered Species Site and a Public Access Site.
- Cornell University - \$68,723: Invasive Species Rapid Response and Control.

Finger Lakes

- Yates County - \$35,800: Mechanical harvesting of Starry Stonewort infestation in Keuka Lake Outlet.
- Research Foundation for SUNY Brockport (Monroe Co.) - \$81,764: Slender false-brome (*Brachypodium sylvaticum*) control in Byron-Bergen Swamp.
- Western New York
- City of Tonawanda (Erie Co.) - \$18,000: City of Tonawanda Emerald Ash Borer Treatment Project.

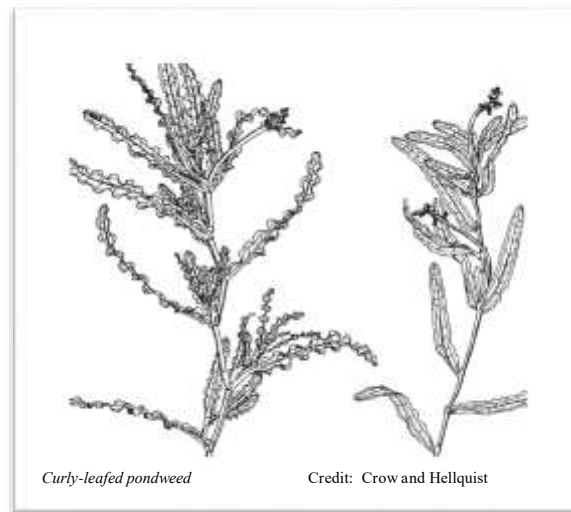
New York City

- New York City Department of Parks & Recreation - \$67,746: Rapid response to mile-a-minute invasion in Queens County, NY.

Long Island

- Town of Brookhaven (Suffolk Co.) - \$60,000: Eradication of Perennial Pepperweed (*Lepidium latifolium*) and Japanese Knotweed (*Reynoutria japonica*) at West Meadow Beach.
- The Caumsett Foundation, Inc. - \$49,260: Common Reed (*Phragmites australis*) Control Project.
- Group for the East End, Inc. (Suffolk Co.) - \$91,850: Great Pond Invasive Species Removal and Restoration.

DEC Commissioner Basil Seggos said, "Invasive species are a significant threat to the environment and economy of



Curly-leaved pondweed

Credit: Crow and Hellquist

New York State, and these EPF grants will go far in reducing their spread. Fostering partnerships and collaboration with local governments

and other partners are essential to combat this urgent threat, and I look forward to watching these successful projects take off."

Organizations across the state are conducting events to educate New Yorkers about the harm that may be caused by invasive plants, animals, insects and pathogens. For a complete listing and to find an event near you, visit www.stoptheinvasionny.com/calendar-of-events.

34th Annual NYSFOLA Conference: Yet Another Record Crowd!

White Eagle Conference Center was filled to capacity as NYSFOLA members gathered for the 34th annual conference May 5-6 in Hamilton, NY.

NYSFOLA Board member Dr. Rebecca Schneider was honored with the **2017 Lake Tear of the Clouds Award**, NYSFOLA's highest honor. This award, named for the "highest" lake in the state, is awarded to a person who has shown the highest dedication to lakes and watersheds, assisted NYSFOLA in its mission and shown exceptional performance in his or her field of endeavor.



NYSFOLA Manager Nancy Mueller (left) with Lake Tear of the Clouds recipient Rebecca Schneider (right).

Rebecca was first appointed to the NYSFOLA Board of Directors in May of 1997. She is an Associate Professor in the Department of Natural Resources at Cornell University where her program focuses on integrated, watershed-based, and sustainable water resource management in the face of climate change. Her research, extension, and teaching all revolve around different facets of this topic. Currently, her primary research program is focused on how networks of roadside ditches contribute to flooding, drought, and degraded water quality in downstream waters, a topic that she

has presented at several NYSFOLA conferences.

Rebecca's professional expertise in watershed management have made her a valuable member of our Board of Directors where, for 20 years, she has provided vision and guidance. She has participated in numerous committees - notably serving on the Watershed Management Committee, the Diet for a Small Lake Committee and the NYS DEC Water Management Advisory Committee, where she serves as NYSFOLA's representative in Albany. Rebecca has made numerous presentations at NYSFOLA conferences, and her contributions continually rate as among the most popular by lake association members.

We are so very grateful to Rebecca for her 20 years of service to NYSFOLA. While we were perhaps overdue in our recognition, we were delighted to present her with the 2017 Lake Tear of the Clouds Award.

Lake Steward

Awards were presented to Jane Smith (left) of the East Shore Schroon Lake Association/ Adirondack Lakes Alliance for her dedication to protecting Schroon and other Adirondack Lakes



and to Greg Reuter (right) from the Lake Moraine Association for his leadership and organization of lake management efforts on Lake Moraine.

Congratulations to our 2017 NYSFOLA award winners for their outstanding contributions to the protection of New York lakes and watersheds. We thank them for their long time support of NYSFOLA.



Another Successful Silent Auction

By Theresa Mayhew, NYSFOLA Board of Directors



This year's NYSFOLA Silent Auction was a great success, especially when you consider that the auction ended four hours earlier than it has in years past. Nearly 60 items were on the auction "block" and included such items as jewelry; giftware; lake themed T-shirts, sweat-shirts & hats; perennial plants; a Secchi disk; books; toys; wine; a Lake Bottom Blanket; stuffed animals; pottery; and fishing gear. The competitive bidding resulted in a profit of \$840. Many thanks to all who contributed and to the successful high bidders. Funds help us provide better resources to lake associations. We are looking forward to what treasures and interesting objects will be donated to next year's auction!

Outstanding Newsletter Contest Winners Recognized

By Theresa Mayhew, NYSFOLA Board Member and Newsletter Contest Coordinator



Newsletters are an excellent way to communicate with lake association members and to chronicle year-round events. They often reflect the tone and tenor of what's happening within and around the lake community. The NYSFOLA newsletter contest is one way to recognize those lake associations that produce a publication that is attractive, informative, interesting and educational for its members and community supporters. As Alan Knight, President of the Duane Lake Association succinctly put it, their newsletter is "the glue that holds everything together."

The winners of this year's newsletter contest were announced during NYSFOLA's Annual Conference which took place May 5 & 6 at the White Eagle Conference Center on the shores of lovely Lake Moraine. A total of 19 entries were judged on the following criteria: 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, list of officers, and calendar of events.

In the **Small Lake Association** category, *Duane Lake News* earned first place while *Millsite Lake Minutes* got second and *Loon Lake Link* took third place.

Coming in first in the **Medium-Sized Lake Association** category was Copake Lake Conservation Society *CLCS News*. *Babcock Lake Environmental Newsletter* garnered second place while Otisco Lake Preservation Association's *Droplets* netted third. Capturing first place in the **Large Lake Association** category was *The Pearl of ESSLA* (East Shore/Schroon Lake Association). *Black Lake Currents* took second while Conesus's *Laker News* nabbed third place.

A team of four judges took over three hours to review all the entries and render their decisions. This year's team included Karrie Allen, news reporter for the Register-Star/Chatham Courier; Linda Conway, Master Gardener and budding kayaker; Evan Hogan, avid fisherman and outdoor enthusiast; and Karen Mort, Columbia County Environmental Management Council member. Many thanks to Karrie, Linda, Evan and Karen for all their hard work and support of FOLA's mission. Thanks, also, to all the lakes that participated in this year's contest.

Board of Directors

Thank you to David Wright and Jack Baldwin & Welcome to Matt Dombrowski and John Murad



Two long time NYSFOLA Board members are stepping down after more than two decades of service. David Wright, Esq. (left) joined the Board of Directors in 1995 as a member of the Mohegan Lake Park District. Prior to joining NYSFOLA, David co-authored a study investigating the water quality impacts of power boats on Mohegan Lake (Lake Line Vol. 11, No. 4 December 1991). It was one of the first studies of its kind on a New York lake. David also served as our legal counsel and provided countless hours of pro bono guidance to lake associations across the state. His annual “Lake Law” sessions at the

NYSFOLA conference were always highly rated by attendees. Jack Baldwin (right), from the Conesus Lake Association, was nominated to the board in 1996. Jack served as NYSFOLA Secretary for many years, and he has provided extremely valuable guidance to us during his tenure and promoted NYSFOLA throughout the Finger Lakes region. We are truly thankful to David and Jack for their dedication to NYSFOLA and its members.



Two new members have filled the vacant seats. Matthew Dombrowski (left) joins us from the Canadarago Lake Improvement Association. Matt’s presentation on using social media was a hit at the 2016 conference, and he is a newly trained CSLAP volunteer. John Murad, Esq. from the Tioughnioga Lake Association, will provide legal counsel and guidance to our organization. John is a trial lawyer and partner at Hancock Estabrook, LLP in Syracuse. We look forward to their insights and experience in the coming years.



Photo courtesy of Fort William Henry Hotel and Conference Center

May 3-5, 2018 35th NYSFOLA Annual Conference

Join us at the Fort William Henry Hotel and Conference Center in Lake George, NY for our 35th anniversary conference. Early arrivals on Thursday night will have the opportunity to tour the fort and museum. The conference center is easy to get to and has a breathtaking view of Lake George. Mark your calendar now! For more details about the venue, logon to <https://www.fortwilliamhenry.com/>.

Collecting Lake Data in New York:

What is ELAP? Why or When Does it Matter?

Lake associations across the state are frequently asking us “How do we get our lake tested?” “What do we test for?” For an increasingly large number of New York lakes, the easiest way to get water quality data is to participate in the **Citizens Statewide Lake Assessment Program (CSLAP)** run jointly by the New York State Department of Environmental Conservation and NYSFOLA. This year, over 160 sites will be sampled from every region of the state. CSLAP is not the only option, however. There are some other popular and worthy alternatives:

- The **Adirondack Lake Assessment Program (ALAP)**, run by the Adirondack Watershed Institute at Paul Smiths College, assists volunteers from many Adirondack lake associations, some of which also participate in CSLAP.
- **College and university faculty and students** often provide valuable sampling and research assistance to lake associations.
- **Lake management consulting firms** may collect samples as part of contractual agreements with lake associations.
- **Collecting samples and taking them directly to a commercial laboratory.** Most lake associations only utilize this option for nearshore bacteria samples since no special sampling equipment is required to collect the sample.



Staff at Upstate Freshwater Institute in Syracuse analyze CSLAP samples.

Lake sampling programs typically include analytes related to lake productivity (chlorophyll a, nitrogen, and phosphorus). They almost always include temperature, color, pH, and water clarity measured with a Secchi disk. Other parameters may or may not include chloride, dissolved oxygen, bacteria, algae composition/identification/toxicity, calcium, and some metals.

When looking at sampling options, it’s important for your lake association to consider what the data will be used for:

- Will the data only be used “in house” by the lake association to evaluate any trends or to answer specific questions?
- Is the data being used to guide lake management efforts being conducted by the lake association? If so, will a permit be required for any of these activities?

- Are state and/or federal regulatory agencies involved in preparing clean water plans for the lake, or is the lake a public water supply?

When the data will be utilized by a regulatory agency, you should consider whether or not the samples are being analyzed by a laboratory certified under the NYS Department of Health’s Environmental Laboratory Approval Program (ELAP).

The ELAP Program was established in 1984 under Section 502 of the Public Health Law and is responsible for the certification of laboratories performing environmental analysis. It ensures the accuracy and reliability of results.

Most commercial laboratories in the state are ELAP certified, but not all college and university labs are. Why not? ELAP certification is expensive, time consuming, and unnecessary for most academic institutions to conduct and publish their own research. Nearly all academic laboratories utilize the same

quality assurance standards and protocols as ELAP labs, and their results are usually comparable. Certainly NYSFOLA members have long been, and will continue to be, the beneficiaries of excellent academic research. The notable difference is that most regulatory agencies need ELAP certified data, as required by the state Public Health Law. The issue continues to crop up as water quality data

are assessed by the New York State Department of Environmental Conservation (DEC) and evaluated for water quality impairments. These can lead to TMDL (Total Maximum Daily Load) plans and other regulatory programs.



However, while some of the most important water quality indicators (notably phosphorus and nitrogen) require ELAP certification, many of the typical lake sampling tests, such as chlorophyll *a*, Secchi disk transparency, and water temperature, are not subject to ELAP certification. However, the collection and analysis of these samples should be documented under a Quality Assurance Project Plan, or QAPP, so that anyone using the data can have some assurances that the information was collected accurately and in a standardized way. CSLAP uses an ELAP certified lab and has an approved QAPP.

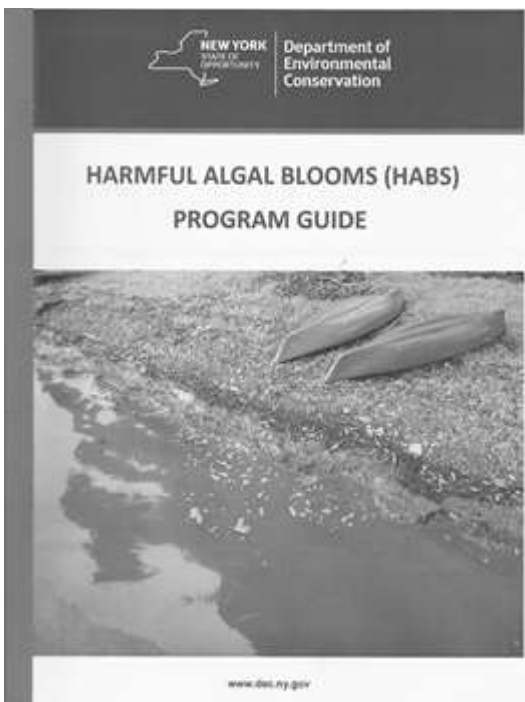
If you are interested in having your lake tested, and your lake is not involved in CSLAP, you should first determine why you need water quality data and what analyses will help you answer your questions.

- **Are people experiencing health related issues?** Consider sampling for bacteria and/or harmful algae.
- **Are there water clarity issues?** Secchi disk transparency, chlorophyll *a*, and nutrients should be on your list. Be sure to ask whether or not the laboratory can perform freshwater analyses with low-level detection levels for nutrients. Not every lab is set up for that even if they are ELAP certified.
- **Worried about road salt impacts?** Put chloride on your list.

You want to ensure that the data can answer the questions you have about your lake. Determine whether you plan to use the information for your own purposes or for an agency to use. If it's the latter, contact the laboratory to see if they are ELAP certified for these indicators and have an approved QAPP. A list of ELAP approved labs can be found at <https://www.wadsworth.org/regulatory/elap>.

Finally, develop a plan for collecting and analyzing the samples as well as interpreting the data. A laboratory will usually just give you numeric results. CSLAP, ALAP, academic researchers and lake management consultants will provide you with a report to help you understand the results and can recommend lake and watershed management strategies to improve or protect water quality.

DEC Publishes New Harmful Algal Bloom Brochure and Program Guide



The New York State Department of Environmental Conservation has recently published a newly updated HABs brochure http://www.dec.ny.gov/docs/water_pdf/habsbrochure.pdf for lake users. The brochure provides useful information about harmful algal blooms including tips on avoiding, identifying, and reporting blooms.

For those who want even more information, the agency has also published a new *Harmful Algal Blooms (HABs) Program Guide* http://www.dec.ny.gov/docs/water_pdf/habsprogramguide.pdf that documents New York's program in more detail.

As in past years, DEC's weekly HAB Notification Page is updated every Friday afternoon <http://www.dec.ny.gov/chemical/83310.html>. Before you go in the water, find out what waterbodies have blooms or have had them in the past. DEC maintains a HABs Notifications page of waterbodies that currently have blooms. Please note that if a waterbody is not listed, it does not mean that it does not have a bloom. It may have one that was not reported. Find out what waterbodies have had blooms in the past on the HABs Archive page <http://www.dec.ny.gov/chemical/83332.html>.

Resources for Lake Associations Dealing with Nuisance Goose Populations

We get a lot of requests for assistance from lake associations trying to deal with overly abundant Canada geese. Of course, they are beautiful birds, but they can interfere with the enjoyment of lakefront property, and their droppings are full of unwanted nutrients. Here are some resources for managing them:



New York State Department of Environmental Conservation web page - **Nuisance Canada Geese**: <http://www.dec.ny.gov/animals/7003.html>

New York State Department of Environmental Conservation & U.S. Department of Agriculture publication: **When Geese Become a Problem**: http://www.dec.ny.gov/docs/wildlife_pdf/geeseproblem.pdf

New York State Department of Environmental Conservation publication: **Permit Requirements for Take of Canada Geese in New York**: http://www.dec.ny.gov/docs/wildlife_pdf/nygoosepermitinfo.pdf

United States Department of Agriculture Animal and Plant Health Inspection Services publication: **Canada Goose Damage Management in the State of New York**: <https://www.aphis.usda.gov/regulations/pdfs/nepa/NYgoose.pdf>

United States Department of Agriculture Animal and Plant Health Inspection Services publication: **Decision and Finding of No Significant Impact for Canada Goose Damage Management in the State of New York**: <https://www.aphis.usda.gov/regulations/pdfs/nepa/NYgooseFONSI.pdf>

United States Department of Agriculture Animal and Plant Health Inspection Services publication: **Evaluation of an Integrated Non-Lethal Canada Goose Management Program in New York (2004-2006)**: https://www.aphis.usda.gov/wildlife_damage/nwrc/publications/08pubs/seamans082.pdf

Save the Dates! 23rd Annual Western Regional Conference October 21, 2017 - Silver Lake Country Club 10AM-3PM

Join us on Silver Lake in Wyoming County. The gathering includes a buffet style lunch and great talks. We will have online registration starting in early September so stay tuned to our website and facebook page. For more information, please contact Donald Cook - decook007@rochester.rr.com. The deadline for registration will be Oct 12th, 2017.

Program:

1. Panel Discussion - Faculty and staff from SUNY Geneseo, SUNY Brockport, the University of Buffalo, and Rochester Institute of Technology (RIT) will discuss ways that lake associations can use college programs and expertise more effectively.
2. Dr. Joseph Atkinson, Chair, Department of Environmental Engineering, University of Buffalo will talk about ongoing research on harmful algal blooms in Sodus Bay, Lake Ontario.
3. Doug Conroe, Chautauqua Lake Association, talks about collaborative efforts with academic institutions..
4. Meg Wilkinson, Invasive Species Database Program Coordinator, NY Natural Heritage Program, shows how to use the IMAP Invasive System smartphone app. Assisting her in the "show and tell" program will be students from the SUNY College of Environmental Science and Forestry (ESF) and the RIT.

Does it Need a Permit?

We get a lot of questions about what activities do or don't need permits. Here's a chart from NYS DEC (<http://www.dec.ny.gov/permits/96314.html>) that can provide help provide some answers:

Project Location	Example Projects	Permit Information
Projects in or near streams, rivers, lakes and ponds	<ul style="list-style-type: none"> • Installing a culvert or bridge • Digging or excavating • Placing any fill material • Installing a boat dock • Stabilizing a streambank • Installing utilities across a stream • Building or removing a dam • Excavating a pond 	Protection of Waters Permit http://www.dec.ny.gov/permits/6042.html
Projects in or near wetlands	<ul style="list-style-type: none"> • Placing any fill material • Digging or excavating • Building any structure or road • Clearing vegetation • Installing a culvert • Constructing a bulkhead • Subdividing land (Tidal Wetlands only) 	Freshwater Wetland Permit http://www.dec.ny.gov/permits/6058.html and/or Tidal Wetland Permit http://www.dec.ny.gov/permits/6039.html
Projects in a coastal erosion hazard area (http://www.dec.ny.gov/lands/86541.html) along Lake Erie, Lake Ontario, Atlantic Ocean, Long Island Sound	<ul style="list-style-type: none"> • Construction • Modification, restoration or placement of a structure • Grading • Excavating • Dumping • Mining • Filling • Other disturbances to land 	Coastal Erosion Management Permit http://www.dec.ny.gov/permits/6064.html
Floating objects in navigable waters within the Adirondack Park (DEC Regions 5, 6) and Catskill Park (DEC Regions 3, 4) The NYS Office of Parks, Recreation and Historic Preservation (other regions) https://parks.ny.gov/recreation/boating/documents/FloatingObjectRulesRegs.pdf	<ul style="list-style-type: none"> • Moorings buoys • Bathing beach markers • Swimming floats • Speed zone markers 	Permit for Floating Objects other than Aids to Navigation - Navigation Law Article 3, Section 35-a Floating Objects Permit Application (PDF) 21 kB http://www.dec.ny.gov/docs/permits_ej_operations_pdf/floatobjectapp.pdf

What's Happening on Your Lake?

Our friends at the **Ballston Lake Association** are focusing on lake safety this year. They are helping their members arrange for a Power Squadron vessel safety inspection. <https://www.usps.org/index.php/2015-05-08-10-34-3>

The **Cazenovia Lake Association** continues to battle Eurasian water milfoil using a variety of methods. The aquatic herbicide Renovate® was applied to 190 acres in areas of the lake that exhibited the highest density of milfoil. Nuisance plants in other parts of the lake will be controlled through mechanical harvesting. The southwest portion of the lake will be a test area this season for naturally occurring weed-eating moths.

Members of the **Chateaugay Lakes Association** are thankful for a 6th year of aquatic invasive species monitoring by boat stewards from the Adirondack Watershed Institute at Paul Smiths College.

The **Conesus Lake Association** continues to coordinate with the staff of the Livingston County Sheriff's Department Marine Patrol. They are working with them to get residents to put house numbers on the end of their docks and custom fabricating house numbers for this purpose. Dock numbering aids the Marine Patrol immensely by allowing them to respond to an emergency call by water much more quickly.

The **Fallsburg Fishing and Boating Club** on **Pleasure Lake** have a variety of events planned this summer including two volunteer water chestnut harvests.

Members of the **Findley Lake Watershed Foundation** recently celebrated the dedication of their new dam which was dedicated to the late Dennis Brumagin who championed the project and spent countless numbers of hours ensuring its completion.

In partnership with the Adirondack Watershed Institute, the **Saratoga Lake Protection and Improvement District** invited members to board their floating classroom to "get up close and personal with the ecosystem of the lake."



Photo courtesy of Alpha Boats, Weedsport, NY



<https://ngmdb.usgs.gov/topoview/viewer/#15/42.7844/-76.1569>

And last but not least, there is great news from the **Cortland-Onondaga Federation of Kettle Lakes Associations (C-OFOKLA)** - a partnership that includes the **Crooked Lake Association, Little York Improvement Society, Song Lake Association, and Tully Lake Association** in the northernmost reaches of the Chesapeake Bay Watershed.

C-OFOKLA has been named a beneficiary of the National Fish and Wildlife Fund (NFWF), Chesapeake Bay Technical Capacity Grant for \$50,000. This one year award was obtained through collaboration with Syracuse University's Environmental Finance Center (EFC-SU) as administrator, Princeton Hydro as subcontractor for the analytical work, and the Cortland County Soil & Water Conservation District for other services. This program, *Creating Watershed Implementation Plans for Mitigating Stormwater in a Chain of Kettle Lakes*, will examine the potential harmful stormwater impacts on our four kettle lakes (Crooked, Little York, Song and Tully Lakes) and work with the public to investigate and design projects for positive remediation.

CSLAPpenings

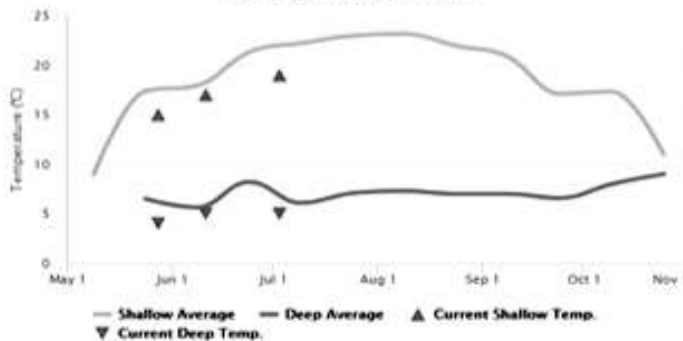


Dear CSLAP Volunteers -

Did you know that when you enter your CSLAP field data online, you can get an instant in-season report to see how the current readings compare to historic CSLAP data? We thank Lou Feeney, to whom we awarded the **Don and Marty Keppel Special Service Award**, for developing the system, but we feel that it is very much under utilized. Do you want a ready answer when lake association members ask you, "How is the lake doing this year?" The online system will generate information on temperature, clarity, plants and recreational suitability based on the Sampling Record Form and Lake Perception data that you enter from your CSLAP sampling rounds. Take a look at the early information generated for lakes in the program this year. To learn more, email help@cslapdata.org and "ask" for Lou. He can provide you with instructions and login credentials. *P.S. By entering the data online, you save Nancy many hours of typing field data.*

Millsite Lake - Water Temperature

Comparing 2017 with Prior Averages

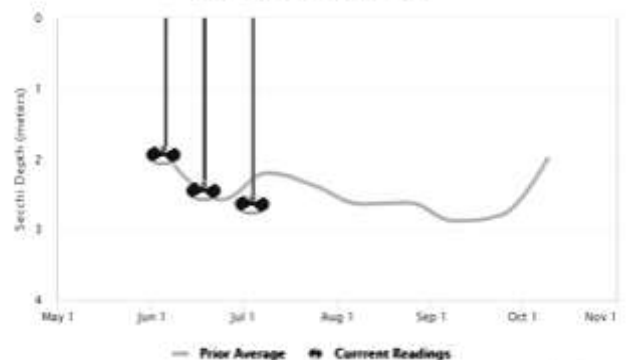


The latest shallow water temperature reading is the lowest recorded for the period July 1 to 15. This year's shallow water temperature readings are tending to be lower than normal when compared to the average of readings collected from 1997 to 2016.

The latest deep water temperature reading is around the average of prior year readings for the period July 1 to 15. There are not enough deep water temperature readings to determine a trend for the current year when compared to the average of readings collected from 1999 to 2016.

Big Fresh Pond - Water Clarity - Secchi Readings

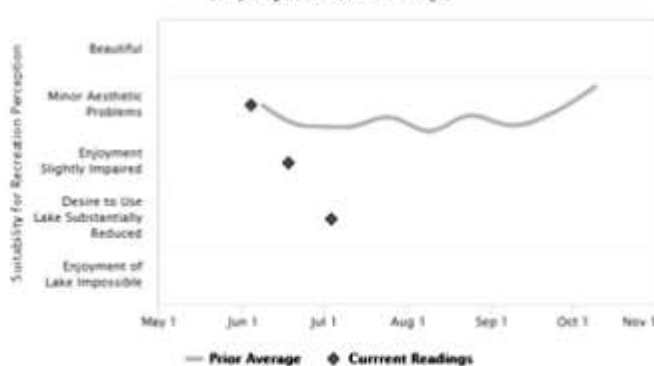
Comparing 2017 with Prior Averages



The latest Secchi disk reading is the most favorable recorded for the period July 1 to 15. There are not enough Secchi disk readings to determine a trend for the current year when compared to the average of readings collected from 2011 to 2016.

Plymouth Reservoir - Lake Perception - Recreation

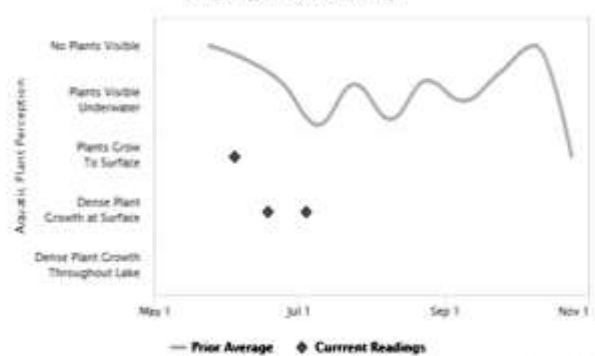
Comparing 2017 with Prior Averages



The latest recreational use perception is less favorable than the average prior year readings for the period July 1 to 15. This year's recreational use perceptions are tending to be lower than normal when compared to the average of readings collected from 1993 to 2016.

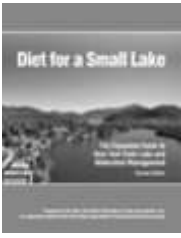
Roaring Brook Lake - Lake Perception - Plants

Comparing 2017 with Prior Averages



The latest aquatic plant perception is less favorable than the average prior year readings for the period July 1 to 15. There are not enough aquatic plant perceptions to determine a trend for the current year when compared to the average of readings collected from 2009 to 2016.

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.

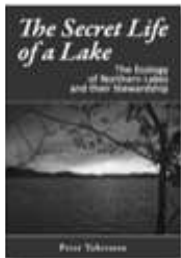
Spiral Bound Paperback: \$20.00



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



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P.O. Box 84
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TOTAL			

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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

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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

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

Contact Name _____

Address _____

City, State, Zip _____

Telephone _____

E-Mail _____

Web site _____

Amount Remitted _____ Check # _____ Date _____



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