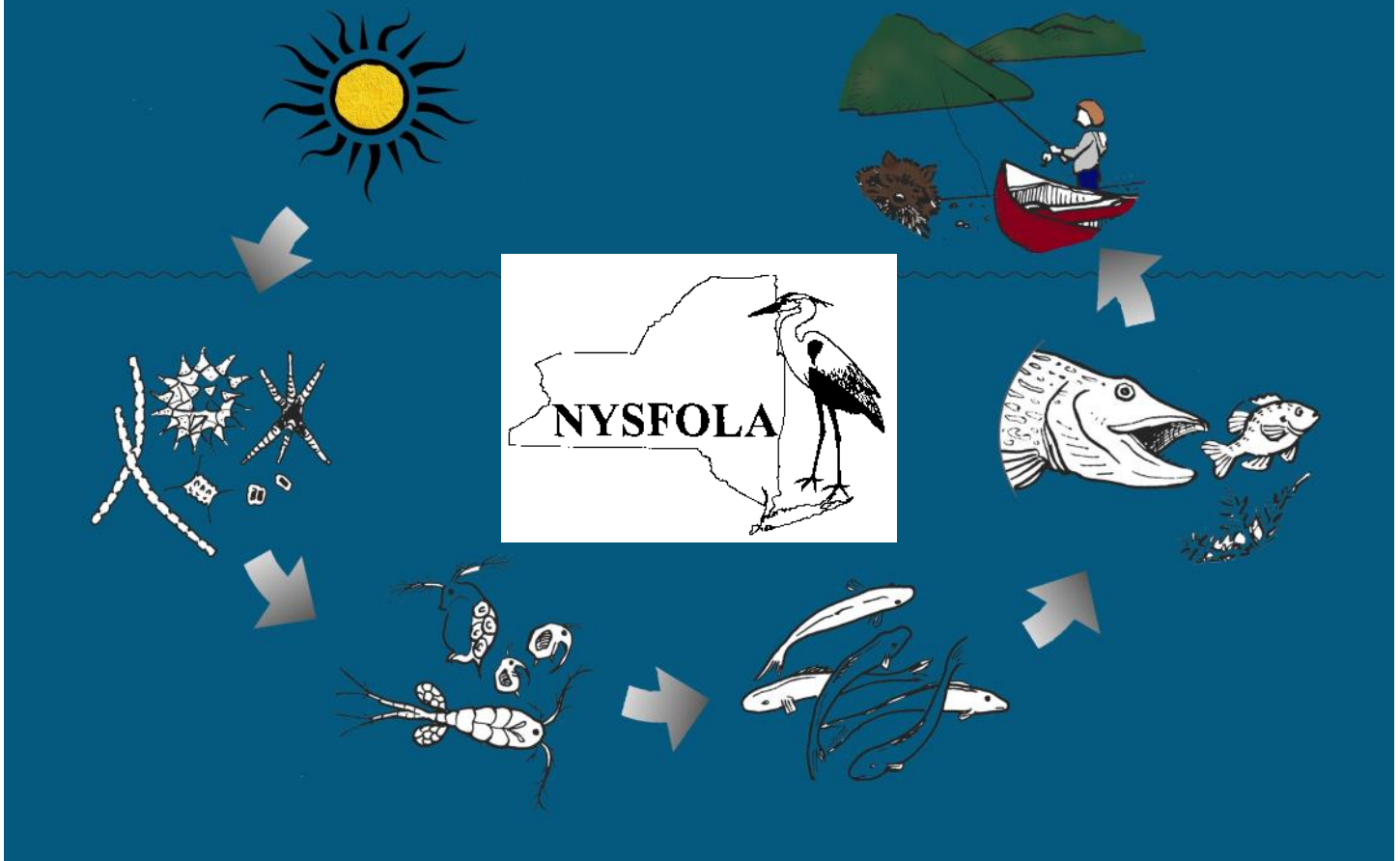


Freshwater Ecosystems: Learning to Coexist



NYS Federation of Lake Associations Inc.

Virtual Conference

April 29-30, 2021

www.nysfola.org

"Freshwater Ecosystems: Learning to Coexist"

April 29-30, 2021



Thursday April 29th

9:00AM-9:15 AM - Welcome and Opening Remarks - Tarki Heath, President and Nancy Mueller, Manager - NYS Federation of Lake Associations, Inc.; Conference Logistics Syracuse University Environmental Finance Center

9:15AM -10:15AM - **Lakes Aren't Just Water, Folks** - Dr. Peter Tobiesen, is a biology professor emeritus at Union College in Schenectady, NY and author of *The Secret Life of a Lake: The Ecology of Northern Lakes and their Stewardship*. Dr. Tobiesen is a long-time summer resident of the Adirondacks where he owns a home on Sacandaga Lake near Speculator. He also serves as a CSLAP volunteer for both Sacandaga Lake and neighboring Pleasant Lake.

10:15AM - 11:00AM - A1 - **What are watersheds? How are they managed? What are their roles in sustainable lake water quality?** - Dr. Willard Harman, Distinguished Service Professor of Biology Rufus J. Thayer Chair for Otsego Lake Research Director, Biological Field Station SUNY Oneonta and Heather Murphy, SUNY Oneonta Graduate Student in Lake Management

11:00AM - 11:15AM - Break

11:15AM - 12:15PM - A2 - **NYHABs: New York's Online Harmful Algal Bloom Notification System** - Stephanie June, Research Scientist, NYS DEC

12:15PM - 12:45PM Break for Lunch

12:45PM - 1:30PM - A3- **Management Activities to Prevent, Mitigate and/or Control HABs at Lake Hopatcong, NJ** - Dr. Fred Lubnow, Director of Aquatic Resources, Princeton Hydro, LLC

1:30PM - 2:00 PM - A4 - **ProcellaCOR® Results After 2-3 Years in the Northeast** - Kara Sliwoski, District Manager, Aquatic Biologist, SOLitude Lake Management

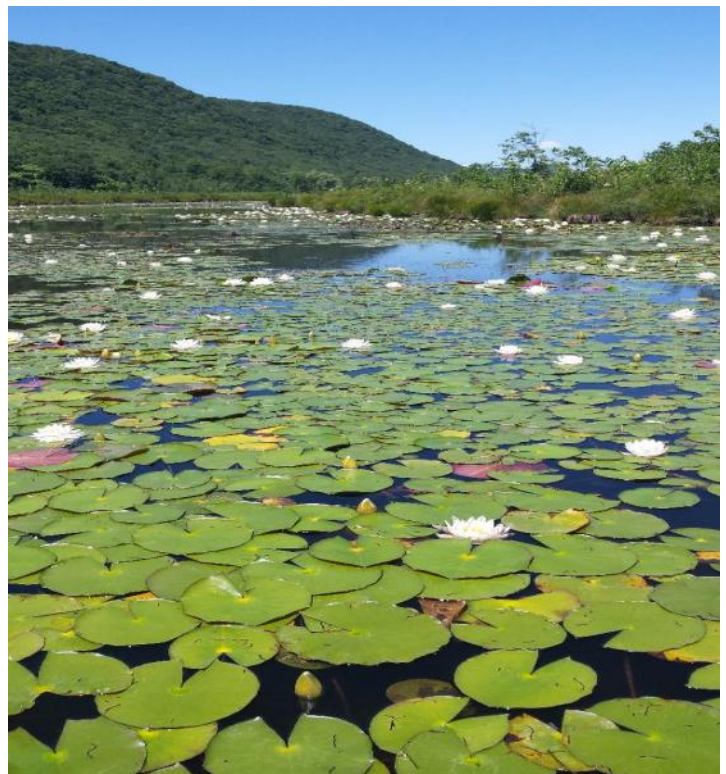
2:00PM- 2:30PM - A5 - **Why Native**

Fish Matter - Dr. Dan Stich, Assistant Professor of Biology, SUNY Oneonta

2:30PM - 3:00PM - A6 - **Using Grass Carp to Control Aquatic Vegetation: Practices, Uncertainties, and Consequences** - Alejandro Reyes, Aquatic Ecologist, Northeast Aquatic Research

3:00PM - 3:30PM - **Lake Trivia Fun** - Join our "celebrity" guests in a NY Lake Trivia contest for which no limnological expertise is required. Hosted by retired NYS DEC CSLAP Coordinator Scott Kishbaugh, our panelists will compete to win prizes for lucky lake associations in the audience. You must be present to win! Our competing limnologic experts and conference sponsors will be Dr. Fred Lubnow, Glenn Sullivan and Dr. George Knoecklein. We hope that you'll play along at home as they answer trivial, silly, and fun questions about NY lakes!

3:30PM - 4:00PM- **Q&A and Wrap up**



Friday April 30th

9:00AM - 9:15AM: Welcome and Opening Remarks and Logistics

9:15AM - 10:00AM - B1 - **Short Term Rentals: Community Concerns, Considerations and COVID 19** -

John R. Langey, Partner, Cooney & Fearon, PLLC

10:00AM - 10:45AM - B2 - **Fundraising in NY: What are the Rules for Lake Associations and other Not-For-Profit Organizations?** Carrie Pollak, Esq. Hancock and Estabrook, LLC

10:45AM - 11:00AM - Break

11:00AM - 11:30AM - B3 - **The Many Facets of AIS Spread Prevention in New York State** - Josh Thiel, NYS DEC Invasive Species Coordination Section Chief and Dr. Catherine McGlynn, NYS DEC Aquatic Invasive Species Coordinator, Dr. Dan Kelting, Executive Director, Adirondack Research Institute at Paul Smiths College

11:30AM - 12:30PM - Annual Membership Meeting

- (Separate Agenda as PDF will be available for conference attendees and NYSFOLA members)

12:30PM - 1:00PM - Lunch

1:00PM - 1:30PM - B4 - **It's About the Journey, Not the Rest Areas - and Other Life Lessons Courtesy of the Citizens Statewide Lake Assessment Program (CSLAP)** - Dr. David Matthews, Director, Upstate Freshwater Institute

1:30PM - 2:00PM - B5- SUNY Oneonta Lake Management Program Graduate Student Poster Jam:

- **Floating Islands: A Lake Management Strategy for Round Lake, NY** - Sinead Comerford
- **Macroinvertebrates as Indicators of Water Quality in Outflow Streams** - Lucas LeTarte

2:00PM - 2:15PM Break

2:15PM - 3:15PM - B6- **Interactive Sessions- Ask Your Questions to Our Panelists**

- **Ask Dr. Lake** - Questions about your lake or lake association? Ask our panelists Stephanie June, NYS DEC, and NYSFOLA Manager Nancy Mueller and BOD Member and Consultant Dean Long, in this interactive session.
- **Conflict Management and Your Lake Association** - Andrew Korn, PhD Candidate, Department of Anthropology, Former Director, Conflict Management Center, Program for the Advancement of Research on Conflict and Collaboration (PARCC), Syracuse University. Join Andrew to discuss practical skills for managing conflict and cultivating collaboration in your lake association relationships. Lake management involves complex ecological challenges and equally complex navigation of stakeholder opinions about your shared resource. Andrew will share strategies ranging from running a productive lake association meeting to working effectively with others. This session builds on the June 2020 NYSFOLA webinar, "Conflict Management for Organizations" and introduces a dimension to lake association participation you might not have thought of before. Share your interpersonal challenges in your lake association during this unique opportunity to talk with an expert in collaborative governance and conflict management.
- **NYS Dam Safety** - Warren Shaw, P.E., Professional Engineer I, NYS DEC Division of Water, Bureau of Flood Protection and Dam Safety will be joined by NYSFOLA Board member and Town of Nelson Supervisor Jim Cunningham to answer questions about your dam and regulatory issues.

3:15PM - 3:30PM - **Wrap Up and Evaluation**

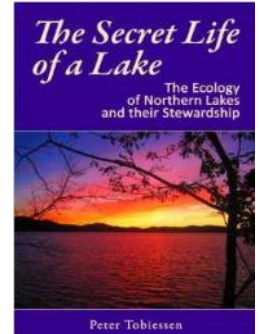


Presentation Abstracts and Speaker Biographies

Keynote Presentation: Lakes Aren't Just Water Folks

A functional tour of a lake's ecosystem emphasizing the incredible creatures that live there and their interactions and the role played by lake associations in maintaining a lake's quality.

Dr. Peter Tobiesen, is a biology professor emeritus at Union College in Schenectady, NY and author of The Secret Life of a Lake: The Ecology of Northern Lakes and their Stewardship. Dr. Tobiesen is a long-time summer resident of the Adirondacks where he owns a home on Sacandaga Lake near Speculator. He also serves as a Citizens Statewide Lake Assessment Program volunteer for both Sacandaga Lake and neighboring Pleasant Lake.



Session A1: What are watersheds? How are they managed? What are their roles in sustainable lake water quality?

Watersheds and drainage basins will be defined and the ways they are delineated explained, as are the problems with those methods and why they can be important to those concerned with lake management. Phosphorus runoff and the ecological concept of limiting factors is used as an example of how lakes are impacted by loading from their watersheds. Watershed Best Management Practices (BMPs), including their diversity, from Lakescaping and other homeowner actions to highly engineered Onsite Sanitary Waste Disposal Systems, to actions far removed from lakes themselves are considered. The goals and expectations regarding the impacts of watershed BMPs versus in-lake management protocols are indicated. The strategies used to create lake friendly legislation in rural New York to assure the effective implementation of BMPS is discussed in some detail.



Dr. Willard Harman, is a Distinguished Service Professor of Biology and the Rufus J. Thayer Chair for Otsego Lake Research at SUNY Oneonta where he serves as the Director of the Biological Field Station in Cooperstown. He is a Certified Lake Manager through the North American Lake Management Society.

Heather Murphy, is a Graduate Student in Lake Management at SUNY Oneonta and is working on Anawanda Lake in Sullivan County as part of her studies.

Session A2: NYHABs: New York's Online Harmful Algal Bloom Notification System

In 2019, the New York State Departments of Environmental Conservation (DEC) launched a new online HABs map and reporting system for the public. Dubbed "NYHABS," the reporting system features an interactive map that is updated daily with reports of HABs, as well as a new public reporting form. Learn how you can use NYHABS to report a bloom or check to see the current status of lakes that may be of interest to you.

Stephanie June is a Research Scientist in the Lake Monitoring and Assessment Section in the Division of Water in the NYSDEC. Stephanie is the Coordinator of the New York Citizens Statewide Lake Assessment Program, the state's primary volunteer lake monitoring program. She holds a Bachelor of Science in Biology and a Master of Public Health in Environmental Science. Stephanie has experience in the state's recreational environmental health and drinking water protection programs, particularly as they pertain to HABs and emerging contaminants. She currently works closely with lake water quality data and examining the role HABs play in the documented water quality changes over time.



Session A3: Management Activities to Prevent, Mitigate and/or Control HABs at Lake Hopatcong

Lake Hopatcong, located in Sussex and Morris Counties, New Jersey, is the largest lake in the state. As a result of some large Harmful Algal Blooms (HABs) experienced over the 2019 summer season, the Lake Hopatcong Commission received a grant to implement a variant of near-shore in-lake management projects to prevent, mitigate and/or control HABs. These projects were initiated over the 2020 growing season and included applications of PhosLock, the use of BioChar for phosphorous removal, the use of a strong oxidizing algaecide, upgrading some existing stormwater structures, the refurbishing and installation of Floating Wetland Islands and the installation of various types of near-shore aeration systems. Through the use of long-term and project-based water quality data, the relative effectiveness of some of these projects was assessed and evaluated for lakes throughout the Mid-Atlantic region of the United States.



Dr. Fred Lubnow received his PhD in Limnology (1994) from the University of California Davis. He is the Director of Aquatic Resources for Princeton Hydro, LLC and the office manager of the Exton, PA office and has been an environmental consultant for over 26 years. His areas of expertise include the identification of algae and zooplankton, the management of Harmful Algal Blooms (HABs) and their associated cyanotoxins, the design and implementation of in-lake management strategies and the development of watershed-based management plans that focus on non-point source pollution.

Session A4: ProcellaCOR® Results After 2-3 Years in the Northeast

Registered in 2018 with the EPA, ProcellaCOR® EC (florpyrauxifen-benzyl) herbicide was then a new tool in the milfoil management “toolbox.” Fast-forward a few years, and use throughout the Northeast has continually increased and been noticed by both legacy stakeholders and newcomers to the aquatic plant management world. Between New England and New York, ProcellaCOR® treatments from 2018 to now have touched each state at least once, inclusive of large and small waterbodies, for variable watermilfoil (*Myriophyllum heterophyllum*), Eurasian watermilfoil (*Myriophyllum spicatum*), or hybrid watermilfoil (*Myriophyllum sibiricum* x *spicatum*) sites. Lessons have been and continue to be learned along the way - from dosing, timing, and application techniques to non-target and target responses. Some applications and experiences will be highlighted to show successes, challenges, and questions that remain



Kara Sliwoski is a Project Manager and Aquatic Biologist with SOLitude Lake management. Her experience has focused primarily on the development and implementation of regulated, multi-stakeholder aquatic plant management programs at large waterbodies throughout New England and New York. She received her Bachelors degree in Marine Biology and Environmental Science from Roger Williams University.

Session A5: Why Native Fish Matter

Fishes have a long history of fulfilling societal needs. Examples from around the world in different time periods can be used to demonstrate their cultural and economic value. They are integral components of biogeochemical processes such as nutrient cycling and are therefore valuable ecological indicators of change. However, the many benefits conferred to humans by fish have not always been reciprocated. Many fishes now face widespread declines or extirpations due to human impacts related to fishing, dams, climate change, and invasive species introductions. Research shows that fish communities in lakes have become increasingly similar in recent decades due to species introductions, eutrophication, and climate change. This “homogenization” results in loss of ecosystem functions such as nutrient se-

questration and grazing of algal biomass in lakes. This, in turn, affects ecosystem services to humans such as recreational enjoyment, harvest opportunities, or economic benefits associated with fisheries. By preserving ecological integrity within and around lakes, human communities will also be more resilient to changes such as climate change and eutrophication in the future.

Dr. Daniel Stich is an Assistant Professor of Biology at SUNY Oneonta and the Biological Field Station in Cooperstown. He teaches in the Lake Management and Biology graduate programs and conducts applied research in fisheries and aquatic sciences. Dan is also a Certified Lake manager through the North American Lake Management Society and the Past President of the NY Chapter American Fisheries Society, where he has been passing time teaching virtual programming workshops for fisheries and lake professionals.



Image: SUNY Oneonta

Session A6: Using Grass Carp to Control Aquatic Vegetation: Practices, Uncertainties, and Consequences

The use of grass carp (*Ctenopharyngodon idella*) for control of nuisance aquatic vegetation is a popular technique employed by lake associations and municipalities. Grass carp are stocked in water bodies of all sizes, from small golf course ponds to large hundred-acre+ multiple use lakes. The New York State Department of Environmental Conservation Region 3 Fisheries staff estimate that approximately 200-300 grass carp stocking permit applications are processed each winter. These fish are intended to control nuisance and often invasive aquatic vegetation, but their actual success on a region-wide scale is unknown, with mostly anecdotal reports from communities. Grass carp are selective general-feeding on almost all aquatic plants, but they prefer more palatable species that are not the most common aquatic invasive species. The palatability of particular species to grass carp can lead to selective feeding and invasive dominance at low stocking rates, and complete eradication of plants (both native and invasive) has been documented at high stocking rates. The goal of this talk is to review the use of grass carp for controlling aquatic vegetation in New York state, highlight some of the gaps in research and present case studies and consequences of improper stocking.



<https://www.dec.ny.gov/outdoor/7973.html>

ists,

AJ Reyes is an Aquatic Ecologist with Northeast Aquatic Research, LLC. He holds a bachelor's degree in Ecology from SUNY Plattsburgh, and a master's degree in Lake Management from SUNY Oneonta. He is a Certified Lake Manager through the North American Lake Management Society.

Lake Trivia Fun!

Join our "celebrity" guests in a NY Lake Trivia contest for which no limnological expertise is required. Hosted by retired NYS DEC CSLAP Coordinator Scott Kishbaugh, our panelists will compete to win prizes for lucky lake associations in the audience. You must be present to win! Our competing limnologic experts and conference sponsors will be Dr. Fred Lubnow, CLM, Director of Aquatic Programs, Princeton Hydro, LLC; Glenn Sullivan, CLM and Environmental Scientist, SOLitude Lake Management; and Dr. George Knoecklein, CLM, Owner and Principal Limnologist, Northeast Aquatic Research. We hope that you'll play along at home as they answer trivial, silly, and fun questions about NY lakes!



Wish them all good luck!



FRED

GLENN

GEORGE

Session B1: Short Term Rentals: Community Concerns, Considerations and COVID 19

Websites such as AirBnB and VRBO have led to an explosion in the short-term rental market, and the COVID-19 pandemic drastically increased the demand for rental properties. How does this impact lake communities? What can they do to protect themselves while still allowing property owners to earn income and welcoming vacationers to their region?

John R. Langey, Esq. graduated from the University of Buffalo School of Law in 1990 and joined Costello, Cooney & Fearon, PLLC in Syracuse, NY where he is now a partner. Mr. Langey has extensive experience in municipal, environmental and labor and employment law. As a partner and co-chair of the firms' Municipal and Land Use Law Practice Groups, he works with towns, villages, cities and counties on a wide variety of legal issues.



Session B2: Fundraising in NY: What are the Rules for Lake Associations and other Not-for-Profit Organizations?

Fundraising is an important mission for many lake associations, but are you following the rules? Attorney Carrie Pollak will explain who needs to file with the NYS Charities Bureau and/or the Internal Revenue Service. What is the responsibility of your Board of Directors with regard to fiduciary duty?

Ms. Pollak received her J.D. from Cornell Law School in 2008 and is a partner in the Corporate, Real Estate, Tax and Health Care Practice at Hancock and Estabrook in Syracuse, NY. Her legal practice concentrates in the area of corporate governance. Ms. Pollak regularly advises tax-exempt and non-profit organizations on diverse legal issues including formations, taxation and tax exempt issues, corporate governance, corporate restructurings, regulatory matters, and a variety of commercial ventures, contracts and transactions, and tax-exempt financing, including bond issuance. She routinely represents providers of charitable services, such as long-term health care and affordable housing, and works with various nonprofit groups.



Session B3: The Many Facets of AIS Spread Prevention In New York State

NY lake associations spend significant amounts of time and money attempting to prevent the introduction of aquatic invasive species (AIS) and/or managing the species when they are discovered. Find out what's happening around the state to prevent the introduction of AIS and how your lake association will benefit.

Josh Theil is a biologist and Invasive Species Coordination Section Chief with the NYS DEC.

Dr. Catherine McGlynn received her PhD in Ecology and Evolution from SUNY Stonybrook in 2006 and has served as the Aquatic Invasive Species Coordinator with the NYS DEC since 2015. During her tenure she has overseen the NYS Watercraft Inspection Steward Program and collaborated on a standardized survey app and centralized database platform. She also played leading roles in several hydrilla eradication projects.



Dr. Dan Kelting received his PhD in Forest Soils from Virginia Tech and is the Executive Director of the Adirondack Research Institute where he has primary responsibility for managing and coordinating AWI programs, obtaining grants and contracts for AWI activities, developing collaborations with external organizations, and for representing the Institute to various stakeholders.

B4: It's about the Journey, Not the Rest Areas - and Other Life Lessons Courtesy of the Citizens Statewide Lake Assessment Program (CSLAP)

Since 1985, volunteers participating in the Citizens Statewide Lake Assessment Program (CSLAP) have collected some of the best long-term data available for New York lakes. Too often, lake data represents a single year “snap shot” of water quality which doesn’t necessarily tell the “big picture”. Long term data collected through the program offers a better understanding of the trends in water quality and gives lake associations a better understanding of their lake.

David Matthews serves as Director of the Upstate Freshwater Institute, a Syracuse-based not-for-profit devoted to advancing freshwater research and education. Mr. Matthews received his B.S., M.S., and Ph.D. degrees from SUNY-ESF and has conducted fundamental and applied research on lakes, rivers, and streams across New York State for more than 20 years. His research has resulted in the publication of more than 60 articles in peer-reviewed scientific journals.



B5: SUNY Oneonta Lake Management Program Graduate Student Poster Jam:

Floating Islands: A Lake Management Strategy for Round Lake, NY

Floating Treatment Wetlands are becoming a popular small-scale community project as one of many management options for issues including water quality, and stormwater management,. This presentation will give a brief overview of Floating Treatment Wetlands: What they are, how they work, how to create and install them, and why they might or might not be a good option.

**SUNY
ONEONTA**

Sinead Comerford received a Bachelor of Science degree in Biology and Biomedical Anthropology from Binghamton University and is pursuing her Masters degree in Lake Management at SUNY Oneonta She is currently working on a management plan for Round Lake in Saratoga, NY, a municipal lake encircled by wetlands.

Macroinvertebrates as an Indicator of Stream Water Quality

The evaluation of macroinvertebrates, particularly insects, that live in stream ecosystems can be a quick, cost effective method of determining the water quality of streams. Aquatic insects are typically abundant in streams, are sensitive to environmental impacts, and are relatively immobile. This makes them susceptible to environmental disturbances. Analysis of macroinvertebrates in the outflow stream of East Caroga Lake in Fulton County was conducted to determine the water quality. This effort, paired with additional in-lake data collection and analysis, will serve as a baseline study of the invertebrate community and to assist efforts in lake management planning.

Lucas LeTarte received a Bachelor of Science degree in Ecology from SUNY Plattsburgh and is pursuing a Masters degree in Lake Management at SUNY Oneonta and is working on the Caroga Lakes in Fulton County, NY.

Interactive Sessions -

Ask Dr. Lake - Questions about your lake or lake association? Ask Dr. Lake!

Dean Long is a member of the NYSFOLA Board of Directors. Although mostly retired, his long time professional career involved in limnological research, consulting, planning, management and government service.

Stephanie June is a Research Scientist with the NYS DEC Division of Water where she focuses on water



quality monitoring and assessment, including her role as the Coordinator of the Citizens Statewide Lake Assessment Program.

Nancy Mueller is the Manager of NYSFOLA and Assistant CSLAP Coordinator. She is involved with the many facets of lake association management as well as water quality monitoring and watershed management. Nancy holds a Master of Science degree in Water Resources Management from SUNY ESF.

Conflict Management and Your Lake Association:



Andrew Korn will discuss practical skills for managing conflict and cultivating collaboration in your lake association relationships. Lake management involves complex ecological challenges and equally complex navigation of stakeholder opinions about your shared resource. Andrew will share strategies ranging from running a productive lake association meeting to working effectively with others. This session builds on the June 2020 NYSFOLA webinar, “Conflict Management for Organizations” and introduces a dimension to lake association participation you might not have thought of before. Share your interpersonal challenges in your lake association during this unique opportunity to talk with an expert in collaborative governance and conflict management.

Andrew Korn is a PhD Candidate, Department of Anthropology, Former Director, Conflict Management Center, Program for the Advancement of Research on Conflict and Collaboration (PARCC), Syracuse University.

Dam Safety: Warren Shaw, P.E., Professional Engineer I, NYS DEC Division of Water, Bureau of Flood Protection and Dam Safety will be joined by NYSFOLA Board member and Town of Nelson Supervisor Jim Cunningham to answer questions about your dam and regulatory issues.

Warren Shaw is a Professional Engineer, with the NYS DEC Division of Water Bureau of Flood Protection and Dam Safety. The functions of the Dam Safety Section include: safety inspection of dams; technical review of proposed dam construction or modification; monitoring of remedial work for compliance with dam safety criteria; and emergency preparedness.



Jim Cunningham is a member of the NYSFOLA Board of Directors with a long professional career in wastewater treatment and water quality. Jim is the President of the Madison County Federation of Lakes and the Supervisor in the Town of Nelson, NY. Because many of the Madison County lakes were created as part of the Erie Canal system, Jim has been a vital link between those lake associations and the NYS Thruway and Power Authorities who own, operate, and manage the dams. The functions of the Dam Safety Section include: safety inspection of dams; technical review of proposed dam construction or modification; monitoring of remedial work for compliance with dam safety criteria; and emergency preparedness.

Thank you for your support of NYSFOLA
“A Voice for New York Lakes”

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We thank the Syracuse University Environmental Finance Center for hosting our conference and for their valuable insight on technical format and programming.



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Dr. Stephen Souza, Owner of Clean Waters Consulting, LLC, provides educational outreach and consulting lake management services. "Here is to the continued success of NYSFOLA".



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Northeast Aquatic Research (NEAR) is a professional limnological research and lake management company with over thirty years of experience studying lake systems. Our mission is to provide objective scientific evaluation of lake condition for long-term understanding and management. We work directly with homeowners, lake associations, municipalities, and state agencies to develop management strategies for each individual lake we study. We oversee ongoing water quality monitoring and aquatic plant management efforts in lakes across

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The Pond and Lake Connection is full service Aquatic Management Company located in Brookfield, Connecticut. We have been helping customers in the northeast for over 25 years. We service clients in the New York Tristate area. Our markets served are residential, commercial, golf course, municipalities and lake associations.



Princeton Hydro was formed in 1998 with the specific mission of providing integrated ecological and engineering consulting services. Offering expertise in natural resource management, water resources engineering, geotechnical design & investigation, and regulatory compliance, our staff provides a full suite of services throughout the Mid-Atlantic and New England states. We take great pride in producing high-quality products, which is achieved by our highly skilled staff. Our capabilities are reflected in our award-winning projects that consistently produce real-world, cost-effective solutions



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2021 NYSFOLA Award Winners



Lake Tear of the Clouds Award

Scott Ingmire, Director, Madison County Department of Planning and Workforce Development

NYSFOLA Martha Keppel Volunteer Service Award

Theresa Mayhew, NYSFOLA Board of Directors

Scott A. Kishbaugh Secchi Disk Award

Jane and Doug Conroe, Chautauqua Lake Association

Lake Steward Awards

Brian Brennan, Chenango Lake Property Owners Association

J. Patrick Deyle, Raquette Lake Preservation Foundation

Walter Dutcher, Butterfield Lake Cottage Owners Association

Thomas Fiorillo, Seven Hills Lake Property Owners Association

Terry and Dorothy Gronwall, Honeoye Valley Association

Gerald Hickey, Mountain View Lake Association

Roy Keats, Garnet Lake Conservation Association

Michael O'Keefe, Lake Lincolndale Property Owners Association

Bob Rosati, Melody Lake Association

Roy Sheppard, Lime Lake Cottage Owners Association

Bruce Sowalski, Bowman Lake Association

Newsletter Contest Winners

Small Lake Association Category

1st Place - *BLCOA Newsletter* - Butterfield Lake Cottage Owners Association

Medium Lake Association Category

1st Place - *Loon Lake Link* - Loon Lake Association (Steuben County)

2nd Place - *Melody Lake News* - Melody Lake Association

3rd Place - *The KLC News* - Kinderhook Lake Corporation

Large Lake Association Category

1st Place - *Mailboat* - Upper Saranac Lake Association

2nd Place - *The Pearl of ESSLA* - East Shore Schroon Lake Association

3rd Place - *Laker News* - Conesus Lake Association

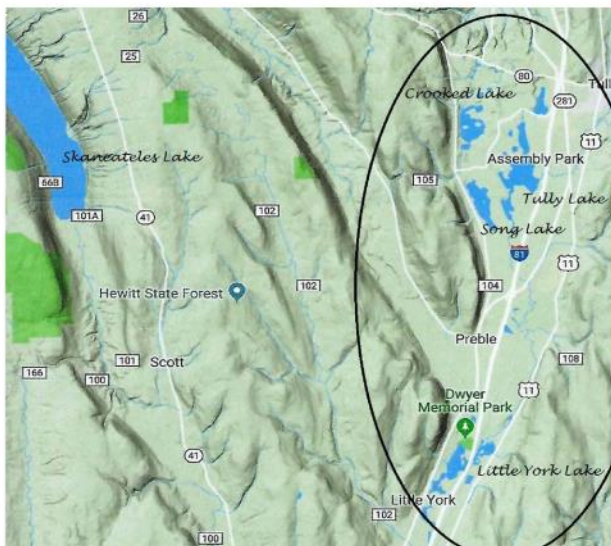
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| Weight | 19.5 lbs |
| Shaft Inner Diameter | 3.56" (9 cm) |
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Effective: Lower pH and TSS, and improve water taste and odor



ABOUT US

Shumaker was established in 1956 and reincorporated under the leadership of Linda M. Shumaker, P.E., President and Managing Principal, in 1992. We are a certified Women-Owned Business Enterprise (WBE) offering professional services to public and private sector clients throughout the northeastern United States.

DAM SAFETY SERVICES

- Dam Safety Inspections
- Dam Break Modeling
- Hydrologic & Hydraulic Analyses
- Hazard Classification Studies
- Engineering Assessments
- Emergency Action Plan Preparation
- Dam Break Inundation Map Preparation
- Inspection & Maintenance Plans
- Spillway Capacity Analysis

CONTACT US

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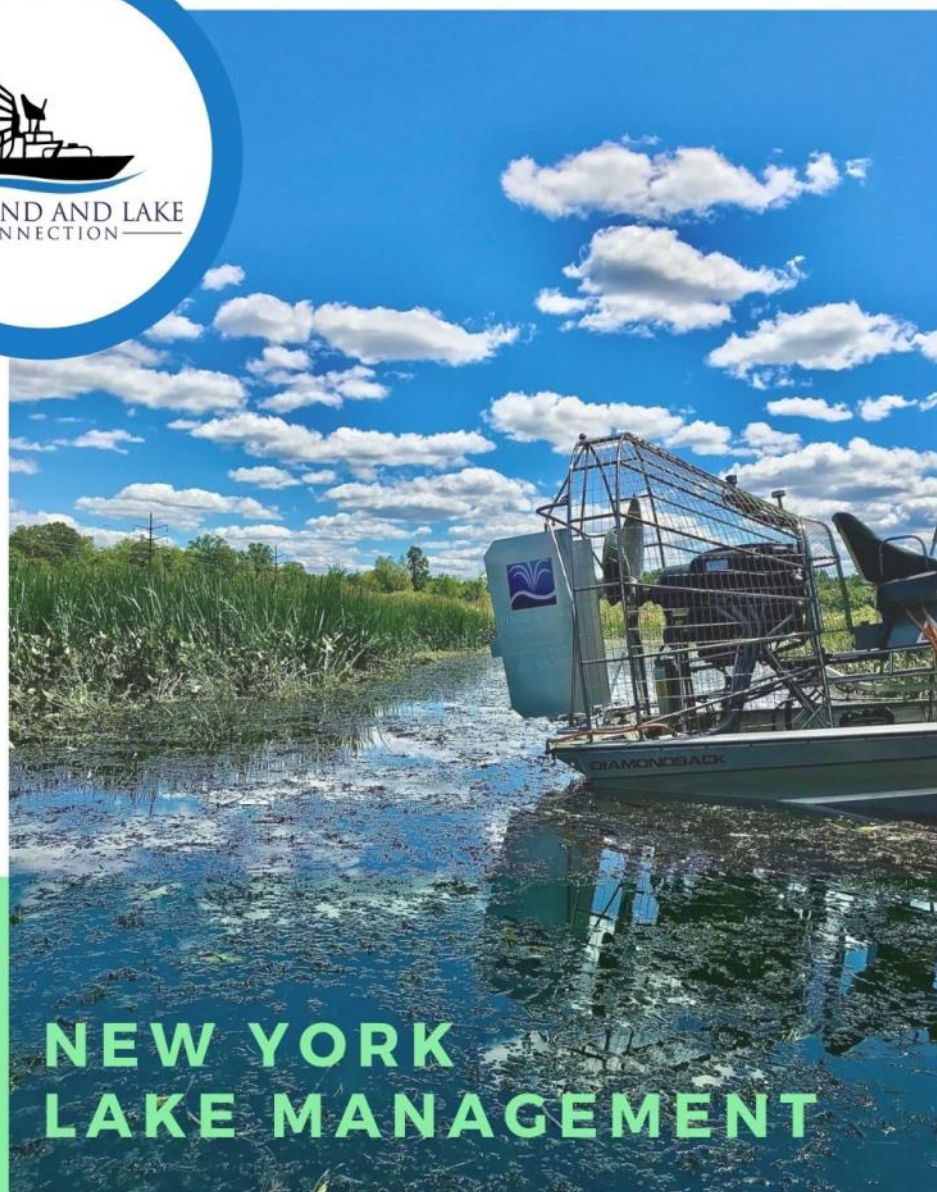
*Northeast Aquatic
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Northeast Aquatic Research (NEAR) is a professional limnological research and lake management company with over thirty years of experience studying lake systems. Our mission is to provide objective scientific evaluation of lake condition for long-term understanding and management. We work directly with homeowners, lake associations, municipalities, and state agencies to develop management strategies for each individual lake we study. We oversee ongoing water quality monitoring and aquatic plant management efforts in lakes across Connecticut, Massachusetts, New York, and Rhode Island.

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