

New York State Federation of Lake Associations, Inc.

36th Annual Conference

Empowering Lake Associations in Challenging Times

Fort William Henry Hotel and Conference Center Lake George, NY

May 3-4, 2019



Join lakefront property owners, lake managers, researchers and government officials from around the region for the 36th annual gathering of people dedicated to protecting and improving New York's lakes.

The Fort William Henry Hotel and Conference Center in beautiful Lake George, NY provides a perfect setting for a gathering of lake enthusiasts. We invite you to join us.

Note: This agenda is subject to change. Registration forms are on the web at www.nysfola.org.

THURSDAY MAY 2nd

3:00pm-5:00pm Board of Directors Meeting - Fort William Henry Conference Center - Room TBA

Early Arrival Attendees

5:30pm Optional History Tour of Fort William Henry (ticket required).

6:30pm Dinner on your own. New members welcome to meet in the hotel lobby to join others.

FRIDAY MAY 3rd

7:15am - 8:30am Breakfast (for ticket holders) - White Lion Room, Fort William Henry Hotel

8:00am - 5:00pm Registration & Reception - Warrensburg Room, Fort William Henry Conference Center; Exhibitor Set Up - Fort Edward Room and/or Albany Room, Fort William Henry Conference Center

9:45am - 10:00am Welcome and Logistics Lake George Room North

10:15am Concurrent Sessions Begin (** indicates student presentations)

SESSION A1 - Aquatic Invasive Species in New York, Lake George Room North

10:15am - 10:45am *An Update on New York's Watercraft Inspection Steward Programs* - Dr. Catherine McGlynn, NYS DEC and Meg Wilkinson, NY Heritage Program

10:45am - 11:15am *Catching the "Unicorn" - Using Public, Private and Non-Profit Partnerships to Help Tackle AIS* - Dr. Edgar Rudberg, CD3 General Benefit Corporation

11:15am - 11:45am *Ten Years of Aquatic Vegetation Data Analyzed Through Floristic Quality Index at Lake Waccabuc, NY* - Emily Mayer - SOLitude Lake Management

SESSION A2 - Lake Management Tools and Strategies - Lake George Room South

- 10:15am - 10:45am *Reducing In-Lake Sediment & Nutrient Loads - A Cost Effective More Efficient Alternative to Dredging - David Shackleton, Clean-Flo International*
- 10:45am - 11:15am *Proactive Management of HABs Using In-Lake Phosphorus Inactivation Technologies - Dominic Meringolo, SOLitude Lake Management Inc.*
- 11:15am - 11:45am *Impacts of Carp on Water Quality - Dr. Stephen Souza, Clean Waters Consulting, LLC*
- 11:45am-noon Q&A and Wrap Up

SESSION A3 - Water Quality and HABs In the Finger Lakes: Lessons Learned - Long Lake Room

- 10:15am - 10:45am *Finger Lakes Water Quality: Lessons Learned 2017-2018 - Aimee Clinkhammer, NYS DEC*
- 10:45am - 11:15am *Let it Snow! What Can Winter Water Quality Data Tell Us? - Anthony Prestigiacomo, NYS DEC*
- 11:15am - 11:45am *Utilizing Satellites to Estimate Chlorophyll a in the Finger Lakes - Dr. Lewis McCaffrey, NYS DEC*
- 11:45am-noon Q&A and Wrap Up

SESSION A4 - NYS Dam Safety Updates - Blue Mountain Lake Room

- 10:15am - 10:45am *New York's Dam Safety: Then and Now - Alon Dominitz, PE, NYS DEC*
- 10:45am - 11:15am *Bringing NY Dams into Compliance - Hans Hasnay, PE, WSP USA*
- 11:15am - 11:45am *Beaver Dam Lake Dam Rehabilitation: A History- Larry Rossini, Beaver Dam Lake District*
- 11:45am - noon Q&A and Wrap Up

SESSION A5 - Ask Dr. Lake - Village Blacksmith Lounge

10:15am - 11:45am The doctors are "in"! Bring your CSLAP report or other questions to our lake doctors. Sign up sheets will be available at the registration desk for first come/first serve appointments. Or you can email foia@nysfoia.org to reserve a spot in advance. Appointments will be 15 minutes long, but you can reserve a "double" if you have a lot of questions.

noon - 1:00pm Lunch (for ticket holders) - White Lion Room - Fort William Henry Hotel

SESSION A6 - Aquatic Invasive Species in New York (Cont'd) - Lake George Room North

- 1:30pm - 2:00pm *Great Lakes Hydrilla Risk Assessment - Kris Erickson, Ecology and Environment, Inc.*
- 2:00pm - 2:30pm *Using Eurasian Watermilfoil and Hydrilla Success Stories to Guide Future Plant Management in Lake Ronkonkoma - Monica Matt**, SUNY Oneonta*
- 2:30pm - 3:00pm *Recovery of Copake Lake's Water Quality and Control of Nuisance Aquatic Vegetation: A Case Study - AJ Reyes and Dr. George Knoecklein, Northeast Aquatic Research, LLC*
- 3:00pm - 3:15pm Break
- 3:15pm - 3:45pm *Adirondack AIS Management Tracker Program: A Citizen Science-based Monitoring Program to Track the Effectiveness of AIS Management - Erin Vennie-Vollrath, Adirondack Park Invasive Plant Program*
- 3:45pm - 4:15pm *Strengthening Citizen Science as a Tool Against Invasive Species in the Finger Lakes Region, Sydney Vanwinkle**, Rochester Institute of Technology*
- 4:15pm-4:45pm Q&A and Wrap Up

SESSION A7 - Harmful Algal Blooms - Lake George Room South

- 1:30pm - 2:00pm *Prevalence & Thresholds for Cyanotoxins in New York* - Dr. Rebecca Gorney, NYS DEC
- 2:00pm - 2:30pm *NYS Harmful Algal Bloom Initiative & Mitigation Pilots* - Stephanie June, NYS DEC
- 2:30pm - 3:00pm *Potential Drivers of Harmful Algal Blooms in New York State Lakes* - Vincent W. Moriarty, IBM Research - The Jefferson Project
- 3:00pm - 3:15pm Break
- 3:15pm - 3:45pm *Using Citizen Science to Inform the Role of Invasive Mussels on HABs in New York State* - Victoria Field **, SUNY College of Environmental Science & Forestry
- 3:45pm - 4:15pm *Development of a HABS/Cyanotoxin Management Plan* - Dr. Fred Lubnow, Princeton Hydro, LLC
- 4:15pm - 4:45pm Q&A and Wrap Up

SESSION A8 - Empowering Lake Associations in Challenging Times - Long Lake Room

This interactive session will focus on lake associations and their unique characteristics and needs. Short presentations from NYS-FOLA members representing large, medium, and small lake associations across the state will be followed by an in-depth question and answer period. Regardless of your lake association size, this session is designed for you to discuss challenges and share your successes.

- 1:30pm - 3:00pm An overview of New York lake associations. A select group of NYSFOLA members will talk about their lake association structures, membership, relationships within their respective communities, challenges, concerns and success stories.
- 3:15pm - 4:45pm A large panel discussion will be followed by time to “share and pair” with lake associations with similar needs and interests.

SESSION A9 - Land Conservation and Restoration to Protect Our Watersheds - Blue Mountain Lake Room

- 1:30pm - 2:00pm Want to preserve the water? Then get on the land! - A layman’s guide to how land practices affect water quality. - Chris Mikolajczyk, Princeton Hydro, LLC
- 2:00pm - 2:30pm Restoring the Honeoye Lake Inlet - Megan Webster, Ontario County Soil & Water Conservation District
- 2:30pm - 3:00pm Title TBA - Lake George Land Conservancy
- 3:00pm - 3:15pm Break
- 3:15pm - 3:45pm Project WHIRL (Protectors of Water and Habitat on the Indian River Lakes) - Wylie Huffman, Indian River Lakes Conservancy
- 3:45pm - 4:15pm Title TBA - Jane Conroe, Chautauqua Watershed Conservancy
- 4:15pm - 4:45pm Q&A and Wrap Up

SESSION A10 - Ask Dr. Lake (Cont’d) - Village Blacksmith Lounge

- 1:30pm - 4:45pm The doctors are “in”! Bring your CSLAP report or other questions to our lake doctors. Sign up sheets will be available at the registration desk for first come/first serve appointments. Or you can email foia@nysfoia.org to reserve a spot in advance. Appointments will be 15 minutes long, but you can reserve a “double” if you have a lot of questions.

- 5:15pm - 6:00pm Annual Wine and Cheese Party (for ticket holders) - Village Blacksmith Lounge
Fort William Henry Conference Center
- 6:00PM Annual NYSFOLA Banquet (for ticket holders) - White Lion Room, Fort William Henry Hotel
Special Guest Speaker: "Adirondack Photo Journeys" - Carl Heilmann Jr., Wild Visions, Inc.

SATURDAY MAY 4th

- 7:00am - 8:00am Breakfast (for ticket holders) - White Lion Room, Fort William Henry Hotel
- 8:45am - 9:00am Welcome and Logistics - Lake George Room North - Fort William Henry Conference Center

SESSION B1 - Lake Management Planning and Implementation - Lake George Room North

- 9:00am - 9:30am *Stewardship of Chautauqua County's Aquatic Resources Through the 2% Occupancy Tax Program* - David McCoy, Watershed Coordinator, Chautauqua County Department of Planning & Economic Development
- 9:30am - 10:00am *Developing a Management Plan for a Small, Private Lake* - Christopher Maier**, SUNY Oneonta
- 10:00am - 10:15am BREAK
- 10:15am - 10:45am *The Tully Kettle Lakes Area - What a Unique Watershed!* - Stradder Caves**, SUNY Oneonta
- 10:45am - 11:15am *Lake & Watershed Management Plan Development for Three Connected Lakes in Westchester County* - Michael Martin, Cedar Eden Environmental, LLC
- 11:15am - 11:45am *How Our Lake Association Put Our Lake Management Plan into Action and Why We Decided to Update It* - Janet Andersen, Three Lakes Council
- 11:45am - noon Q&A and Wrap Up

SESSION B2 - Our Changing Watersheds - Lake George Room South

- 9:00am - 9:30am *NYS Hemlock Initiative* - Mark Whitmore, Cornell University
- 9:30am - 10:00am *Monitoring Lake Trout Lakes in the Adirondacks* - Dr. Margaret Murphy, Integrated Aquatic Sciences, LLC
- 10:00am - 10:15am BREAK
- 10:15am - 10:45am *Science in Support of Water Resources in New York* - Robert Breault, USFS NY Water Science Center
- 10:45am - 11:15am *When All Else Fails, Let's Talk About the Weather* - Dr. Eric Randall, Conesus Lake Association
- 11:15am - 11:45am *Understanding Natural and Anthropogenic Changes Within Butterfield Lake, NY* - David Andrews**, SUNY Oneonta
- 11:15am - 11:45am Q&A and Wrap Up

SESSION B3 - Diet For a Small Lake: Lake Ecology 101 for NYSFOLA Lake Associations - Long Lake Room

- 9:00am - 11:45am Join Dr. Willard Harman and his staff from the SUNY Oneonta Biological Field Station as they discuss the basics of lake ecology and how to address your lake management issues. If you're new to NYSFOLA, just learning about lakes, or want a refresher course, this session is for you!

SESSION B4 - CSLAP Training for New Volunteers (or those needing a refresher) - Blue Mountain Lake Room

Advance registration is required, and space is limited to those volunteers signed up to conduct sampling during the 2019 field season. Thank you.

- 9:00am - 9:30am *Welcome and Introduction* - Stephanie June, NYS DEC

- 9:30am - 10:00am *30 Years of CSLAP: What Have We Learned about NY Lakes?* - Scott Kishbaugh, NYS DEC
- 10:00am - 10:15am BREAK
- 10:15am - 10:45am *Keeping the Program Running Smoothly* - Nancy Mueller, NYSFOLA
- 10:45am - 11:15am *What to do with all those bottles?* - Tony Prestigiacomio, NYS DEC
- 11:15am - 11:45am *How to Collect a Harmful Algal Bloom Sample* - Dr. Lewis McCaffrey, NYS DEC and Dr. Rebecca Gorney, NYS DEC
- 11:45am - noon Q&A and wrap up

SESSION B5 - Aquatic Plant ID Workshop Session A - Tupper Lake Room

- 9:00am - 11:45am Join A.J. Reyes from Northeast Aquatic Research LLC for a hands-on workshop where you will learn to identify the good, the bad and the ugly in the world of aquatic plants. The room is relatively small, so this session will be repeated after lunch to give more people an opportunity to participate.
- noon - 1:30pm **Lunch (for ticket holders) and NYSFOLA Annual Membership Meeting** - White Lion Room, Fort William Henry Hotel

SESSION B6 - Stormwater Management and Nutrient Reduction - Lake George Room North

- 2:00pm - 2:30pm *Urban Watershed Renewal in Berry Brook, NH: An Examination of Impervious Cover, Stream Restoration & Ecosystem Response* - Dr. Tom Ballesterio, UNH Stormwater Center
- 2:30pm - 3:00pm *Small Foot Print Green Infrastructure Stormwater Management Options for Lake Communities* - Dr. Stephen Souza, Clean Waters Consulting, LLC
- 3:00pm - 3:15pm BREAK
- 3:15pm - 3:45pm *West Brook Conservation Initiative Stormwater Improvement Ponds - An Evaluation of the Nutrient, Contaminant and Sediment Removal Efficiency of the Wetland Complex* - Dr. James Sutherland, The FUND for Lake George
- 3:45pm - 4:15pm *Nutrient Reduction as a Necessary Means to Reduce Nuisance Algal blooms in Lake Huntington, NY* - Zach Diehl** SUNY Oneonta

SESSION B7 - Water Quality Issues - Lake George Room South

- 2:00pm - 2:30pm *Empowering Citizen Scientists to Monitor Chemicals of Emerging Concern in New York Lakes* - MaryGail Perkins, Upstate Freshwater Institute and Dr. Teng Zeng, Syracuse University
- 2:30pm - 3:00pm *Use of Water Quality Data in Evaluating Plant and Algae Problems* - Dr. George Knoecklein, Northeast Aquatic Research
- 3:00pm - 3:15pm BREAK
- 3:15pm - 3:45pm *Town of Lake George Septic Initiative Program - An analysis of the management of onsite wastewater treatment systems in the Town of Lake George*- Chris Navitsky, Lake George Waterkeeper
- 3:45pm - 4:15pm *Working with farms to protect lake water quality – a portfolio of solutions for managing manure* - Dr. Rebecca Schneider, Cornell University

SESSION B8 - A Potpourri of Lake Management Topics - Long Lake Room

- 2:00pm - 2:30pm *Adirondack AIS Spread Prevention Program: Boat Inspections, Vectors, Pathways and People*—Dr. Eric Holmlund, Adirondack Watershed Institute

- 2:30pm - 3:00pm *Let's Get to the Bottom of Bathymetric Maps* - Kendra Kilson**, SUNY Oneonta
- 3:00pm - 3:15pm BREAK
- 3:15pm - 3:45pm *Effects on Sediment Quality After Long Term Copper Sulfate Use* - Amanda Setteducate**, SUNY Oneonta
- 3:45pm - 4:15pm TBA

SESSION B9 - CSLAP Training for New Volunteers (Cont'd) - Blue Mountain Lake Room and Beautiful Lake George!

2:00pm - 4:15pm This afternoon, we will split into groups. Some volunteers will start indoors by learning how to use the online field data entry system with Lou Feeney. Others will walk down to the public docks below the hotel to board the Lake George Association's Floating Classroom for a "hands on" lesson in collecting lake data. Everyone will switch at the halfway point. Dress for the weather!

SESSION B10 - Aquatic Plant ID Workshop Session B - Tupper Lake Room

2:00pm - 4:15pm Join A.J. Reyes from Northeast Aquatic Research LLC for a hands-on workshop where you will learn to identify the good, the bad and the ugly in the world of aquatic plants.



Please donate an item to the Silent Auction. The bidding always adds some fun to the conference while raising funds for NYSFOLA.