

2024 NYSFOLA Annual Conference Program (preliminary)
May 3 – 4, Fort William Henry Conference Center, Lake George, NY
(Presentations, times and locations subject to change before the conference)

Thursday May 2, 2024

3:30pm - 5:30pm NYSFOLA Board of Directors Meeting, Glens Falls Room, Fort William Henry Conference Center

Friday May 3, 2024

8:00am Exhibitor set up begins in Albany and Fort Edward Rooms

8:30am Registration open in Conference Center Lobby
"Morning Nosh" (light breakfast and beverages) * available in the Village Blacksmith Lounge

9:15am – 9:30am **Welcome and Logistics** – Lake George Rooms North and South

9:30am - 10:30am **Plenary Session - “Community Leadership for Healthy Lakes in New York State”**– Lake George Rooms North and South
Nicholas Robinson Professor of Environmental Law *Emeritus*, Elisabeth Haub School of Laws Pace University

10:30am - 10:45am **Break** - Village Blacksmith Lounge/Exhibitor Area/Silent Auction

Session A1 – “Diet for a Small Lake” An Introduction to Limnology - Lake George North

10:45am – 11:45am Dr. Bill Harman, Distinguished Service Professor of Biology, Rufus J. Thayer Chair for Otsego Lake Research, Director of the SUNY Oneonta Biological Field Station - New to NYSFOLA? This is a great place to start. Join Dr. Bill Harman and his staff for a “crash course” in Limnology 101

Session A2 - Environmental Justice and New York Lakes – Lake George South

10:45am- 11:15am 2024 Pilot Project: CSLAP in Environmental Justice Areas and Disadvantaged Communities - Alene Onion, NYSDEC CSLAP Coordinator

11:15am - 11:45am Harmful Cyanobacterial Blooms, Related Loss of Recreational Opportunities and Environmental Justice Areas in New York - Sabina Gifford, Physical Scientist, USGS

Session A3 Funding Lake Management Through Special Tax Districts - Long Lake Room

10:45am- 11:45am Formation and Operation of Special Tax Districts to Aid Lakes - Michelle Anderson, Attorney at Law, Anderson Firm PLLC

Session A4 - iMAP Invasive Species Workshop (Bring a Smartphone or Tablet) – Tupper Lake Room; Mitchell O’Neil, Invasive Species Biologist, New York Natural Heritage Program

10:45am- 11:15am iMAP Workshop inside

11:15am - 11:45am iMAP Workshop outside

11:45am – 12:00am (Sessions A1, A2, A3) **Wrap Up and Q&A**

12:00pm – 1:15pm **Lunch*** - The Carriage House, Fort William Henry Hotel (This is a **NEW** dining facility at Fort William Henry!)

Session B1 – Climate Resilience and Your Lake – Lake George North

- 1:30pm-2:00pm **MyCoast NY: A Statewide Tool for Engaging Communities and Documenting Flood and Storm Events** - Jess Kuonan, Hudson Estuary Resilience Specialist, NYS Sea Grant
- 2:00pm-2:30pm **A Survey of the Ecology of Select Lakes and Ponds in Central Park, NYC** - Dr. Fred Lubnow, Senior Technical Director of Ecological Services, Princeton Hydro LLC
- 2:30pm-3:00pm **Impacts of Climate Change on Lake Ecology**, Michael Hartshorne, Director of Aquatics, Princeton Hydro, LLC

Session B2 -Watershed Land Use and Water Quality - Lake George South

- 1:30pm-2:00pm **Watershed land use > 25% is a critical benchmark for nutrient loading in NYS Lakes - a potential threshold for prioritizing watershed protection** Alene Onion, NYSDEC CSLAP Coordinator.
- 2:00pm-2:30pm **Constructing historic land use – land cover patterns for the Honeoye Lake watershed and exploring their relationship to modern lake condition.**, Dr. Bruce Gilman, Science Advisor, Honeoye Valley Association and Kyle Ritts, Ontario County Planning Aide.
- 2:30pm-3:00pm **Drinking Water Source Protection Program (DWSP2)** - Ryan Bell, Environmental Analyst, New York State Department of Health.

Session B3 – Lake Associations Doing Great Things – Long Lake Room

- 1:30pm-2:00pm **Schroon Lake: A Study in Success Through Partnerships** - Gary Karl, Board Member, East Shore Schroon Lake Association
- 2:00pm-2:30pm **How the Lake George Association Inspires Action** - Lindsey Kenna, Education for Action Manager, Lake George Association
- 2:30pm-3:00pm **Creative Community Engagement** - Tarki L. Heath, Board President, New York State Federation of Lake Associations, and Cortland Onondaga Federation of Kettle Lakes Association
- 3:00pm -3:15 **Break**

Session C1 – Aquatic Invasive Species – Lake George Room North

- 3:15pm - 3:45 pm **NYS Watercraft Inspection Steward Program and Aquatic Invasive Species Updates** - Scott Jamieson, Biologist, WISP Coordinator, NYSDEC
- 3:45pm - 4:15pm **Are We Making Progress? Using Lake Management Tracker to Assess Invasive Plant Management Success** – Brian Greene, Aquatic Invasive Species Coordinator, The Nature Conservancy
- 4:15pm - 4:45pm **Using Underwater Cameras to Track Aquatic Plant Communities** - Nick Rowell, Natural Resources Specialist, Warren County Soil and Water Conservation District

Session C2 - Harmful Algal Blooms in Low Nutrient Lakes - Lake George Room South

- 3:15pm - 3:45 pm **HABHAZARD: Predicting Risk of Harmful Algal Blooms in Lake George-**
Jonathan Borrelli, Post Doctoral Researcher, Rochester Polytechnic Institute.
- 3:45pm - 4:15pm **Cyanobacteria Harmful Algal Blooms in Low-Nutrient NY Lakes:**
Combined Approaches to Address an Ephemeral Phenomenon - Rebecca
Gorney, Biologist, United States Geological Survey
- 4:15pm - 4:45pm **A Paleolimnological Approach to Understand the History of Cyanobacterial**
Occurrence in Oligotrophic Adirondack Lakes - Sabina Gifford, Physical
Scientist, United States Geological Survey

Session C3 – Community Outreach and Education – Long Lake Room

- 3:15pm - 3:45 pm **Submerge NY: Creative Approaches to Flood Risk Communication and**
Outreach through Public Art - Rewa Phansalkar, Research and Outreach
Specialist, New York State Water Resources Institute Cornell University
- 3:45pm - 4:15pm **Advancing Environmental Education Outcomes within the Great Lakes -**
Emily Fell, Eastern Great Lakes Watershed Coordinator , NYSDEC
- 4:15pm - 4:45pm **Educating Youth in the Canandaigua Lake Watershed: K-6 Programs -**
Lindsey Ayers, Education Program Coordinator, Canandaigua Lake Watershed
Association
- 4:45pm - 5:00pm **Silent Auction/Visit Exhibits**
- 5:00pm – 6:00pm **NYSFOLA Wine and Cheese Party** - Village Blacksmith Lounge and Exhibitor
Area
- 6:00pm **NYSFOLA Banquet*** - The Carriage House, Fort William Henry Hotel - Lake
Tear of the Clouds Award, Scott Kishbaugh Secchi Disk Award. Our guest speaker
Joseph Zarzynski, Registered Professional Archaeologist, will describe a 1757
raid on Fort William Henry, and the resulting sinking of warships in Lake George.

Saturday May 4, 2024

- 7:00am – 8:00am **Breakfast buffet*** - White Lion Room, Fort William Henry Hotel
- 8:30am **Registration Opens** – Fort William Henry Conference Center

Session D1 - Preventing P Loading From Wastewater - Lake George Room North

- 9:00am - 9:30am **How is Septic-Related Phosphorus Loading Impacting My Lake and What**
Can Be Done About It? Steve Souza, Owner, Clean Waters Consulting, LLC
- 9:30am - 10:00am **LGPC Wastewater Regulations and Inspection Program: 1st Year Results -**
Joe Thouin, Lake George Park Commission
- 10:00am - 10:15am **Break**
- 10:15am - 10:45am **Intricacies of Soil Onsite Wastewater Treatment & Ways to Investigate**
Nutrient "Hotspots" - Hilary Kenyon, Certified Lake Manager, Applied
Watershed Sciences, LLC

10:45am - 11:15am **Peach Lake Restoration Effort over 24 Years** - Lorraine Janus, Limnologist, Peach Lake Environmental Coalition, Inc.

Session D2 – Lake Monitoring in NY: Using Data to Make Informed Decisions – Lake George Room South

9:00am - 9:30am **Managing Water Quality in Rapidly Changing Times: Insights from In-Lake Modeling** - David Matthews, Director, Upstate Freshwater Institute

9:30am - 10:00am **Lake Welch Clean Water Planning and HAB Mitigation Efforts**, Alene Onion, Brian Duffy, and Gabriella CebadaMora

10:00am - 10:15am **Break**

10:15am - 10:45am **How CyanoHAB Education Contributed to a 9E Grant** - Kiyoko Yokota, Associate Professor, SUNY Oneonta and Patricia Kennedy, Otsego Lake Watershed Supervisory Committee

10:45am - 11:15am **2023 Lake Reports - A Redesigned CSLAP Report Format to Support all NYS Lakes** - Alene Onion, NYSDEC CSLAP Coordinator, NYSDEC

Session D3 – Management Tools to Reduce Nutrients – Long Lake Room

9:00am - 9:30am **Aeration as a Lake Management Tool: Impact on Harmful Algal Blooms** - Ken Belfer, President, Mohegan Lake Improvement District and Dr. Gregory Boyer, Director for the Great Lakes Research Consortium, Emeritus Professor of Biochemistry, SUNY ESF.

9:30am - 10:00am **HAB Suppression and Control With Peroxide-Based Algaecides** - Glenn Sullivan, President, Ready Scout, LLC

10:00am - 10:15am **Break**

10:15am - 10:45am **Improving Water Quality Through Dredging** - Laurel Wolfe, NYSFOLA Board of Directors, and Association Manager, Sleepy Hollow Lake, Association of Property Owners, Julia DiGiovanni,

10:45am - 11:15am **Passive Phosphorus Update, Piloting a Novel Technology for Lake Restoration** - Alejandro Reyes, Aquatic Ecologist, GEI Consultants, Inc

11:15am - 11:30am (Sessions D1, D2, D3) **Q&A and wrap up**

11:45am – 1:00pm **Lunch* and NYSFOLA/NYSFOL Annual Membership Meetings** – White Lion Dining Room, Fort William Henry Hotel – Annual Newsletter Contest

Session E1 – Invasive Species and Other Biological Nuisances In Our Lakes – Lake George Room North

1:15pm - 1:45pm **Phragmites Management Options & Case Studies** - Luke Gervase, Project Ecologist, GEI Consultants

1:45pm - 2:15pm **Management of Eurasian watermilfoil at Saratoga Lake** - Dean Long, NYSFOLA Board of Directors, SLPID Consultant

- 2:15pm - 2:45pm **It Takes A Community: Lake Luzerne's ProcellaCOR Experience** - Jane Oppenlander, Robert Bombard, Nick Rowell, Kurt TeKolste,, Mike Schaffer, Jim Niles, and Mark Schaffer, Lake Luzerne Association, Town of Lake Luzerne, Warren County SWCD.
- 2:45pm - 3:15pm **Living Hazards in our Aquatic Environments** - David Wilson, President, Piseco Lake Association

Session E2 - Lake Monitoring in NY: Using Data to Make Informed Decisions – Lake George Room South

- 1:15pm - 1:45pm **The Value of Volunteer Data and the State of Craine Lake** - Derek Shea, Graduate Student, SUNY Oneonta
- 1:45pm - 2:15pm **Characterizing high-frequency dynamics of internal phosphorus loading in a eutrophic polymictic basin of Chautauqua Lake, NY** - Mark Lucius, Software Engineer, Rensselaer Polytechnic Institute.
- 2:15pm - 2:45pm **Episodic internal loading in a eutrophic lake: characterizing short-term nutrient fluxes using high-frequency sensor data in Chautauqua Lake, NY** - Vincent Moriarty, Research Scientist, IBM Research
- 2:45pm - 3:15pm **Finger Lakes PFAs Project: Targeted Water sampling to Identify Sources of per-and polyfluoroalkyl substances in the Finger Lakes** - Laura Akey, Student Research Assistant, Cornell University Civil and Environmental Engineering and Brune Boukobza, Cornell University

Session E3 – CSLAP Training For New Volunteers – Long Lake Room

- 1:15pm - 1:45pm Introduction to the program and sampling parameters – Nancy Mueller NYSFOLA CSLAP Coordinator, Alena Onion NYSDEC CSLAP Coordinator
- 1:45pm – 3:30pm(?) During the afternoon, volunteers will be split into groups. Some of you will start by learning the “on-lake” sampling procedures while others go through the sample processing and shipping protocols. Once everyone has a chance to complete their first “assignment”, we will switch. We hope to finish by 3:30pm, but it might go longer depending on the needs of the various groups. Dress for the weather as we will be outside for part of the time.

3:15pm - 3:30 pm (Sessions E1, E2) **Q&A and wrap up**

*** Registration for rooms and meals closes on April 15th.** We need to give the venue an accurate headcount for all meals, and meal tickets will be issued to attendees and required for admittance. **There will be no additional meal tickets available for purchase at the conference.**

Room Reservations can be made directly with the Fort William Henry Hotel: (518) 668-3081, <https://www.fortwilliamhenry.com/>. Tell them you are with NYSFOLA to get the discounted rate.