

# 2018 NYSFOLA Annual Conference

## “Protecting Lakes for 35 Years: Our Past, Present and Future”

Thursday, May 03, 2018

6:30pm to 7:30pm	Dinner in the White Lion Room - Fort William Henry Hotel
7:30pm to	Socialize on your own OR Optional Tour of Historic Fort William Henry

Friday, May 04, 2018

7:15 am to 8:30 am	Breakfast in the White Lion Room - Fort William Henry Hotel
8:00am to 5:00pm	Registration - Warrensburg Room, Fort William Henry Conference Center
8:35 am to 8:55 am	Plenary Greeting, Welcome & Logistics - Lake George Room North, Fort William Henry Conference Center
	SESSIONS BEGIN

SILENT AUCTION BEGINS AND CONTINUES THROUGH SATURDAY LUNCH

### SESSION A1

#### **Water Quality Monitoring in New York: Making the Data Useful**

9:00 am to 9:25 am	<b>Sorting through the QAPP- The Importance of ELAP and Data Integrity</b> - Scott Kishbaugh, Chief, Lakes Monitoring and Assessment Section, NYS DEC Div. of Water
9:25 am to 9:50 am	<b>You Have Your Lake Data, Now What? Creating a Watershed Plan</b> - Chris Mikolajczyk, Senior Aquatic Scientist, Princeton Hydro LLC
9:50 am to 10:15 am	<b>Citizen Science: To Assessment &amp; Beyond</b> - Anthony Prestigiacomio, Research Scientist, NYS DEC Finger Lakes HUB
10:15 am to 10:30 am	Break
10:30 am to 10:55 am	<b>Monitoring for Chlorides in the Adirondack Park: Impacts of Road Salt</b> - Daniel Kelting, Executive Director, Adirondack Watershed Institute, Paul Smiths College
10:55 am to 11:20 am	<b>Using CSLAP Data to Guide Lake Management on an Adirondack Lake</b> - Samantha Carey, Graduate Student in Lake Management, SUNY Oneonta
11:20 am to 11:45 am	<b>Microbial Source Tracking to Determine Coliform Bacteria Sources in Butterfield Lake, NY</b> - David Andrews, Graduate Student in Lake Management, SUNY Oneonta
11:45 am to noon	Q&A and wrap up

### SESSION A2

#### **Aquatic Invasive Species Management**

9:00 am to 9:25 am	<b>New York's Top AIS Priority: An Update on Boat Steward Programs</b> – Dr. Catherine McGlynn, Aquatic Invasive Species Coordinator, Bureau of Invasive Species & Ecosystem Health. NYS DEC and John Marino, GIS Applications Developer, NY Natural Heritage Program
9:25 am to 9:50 am	<b>Title TBA</b> – Jon Gosselin, SePRO Corporation
9:50 am to 10:15 am	<b>Hand Harvesting Eurasian Watermilfoil in Upper Saranac Lake: A Continuing Success Story</b> - Guy Middleton, Lake Manager, Upper Saranac Lake Foundation
10:15 am to 10:30 am	Break

10:30 am to 10:55 am	<b>Managing Water Chestnut in the Finger Lakes Basin</b> - Kathryn Des Jardin, Water Chestnut Project Manager, Finger Lakes Institute at Hobart & William Smith Colleges
10:55 am to 11:20 am	<b>Use of Grass Carp in Aquatic Plant Management in the Tully Kettle Lakes</b> - Stradder Caves, Graduate Student in Lake Management, SUNY Oneonta
11:20 am to 11:45 am	<b>Management of Water Soldier (<i>Stratiotes aloides</i>) in Southern Ontario - A New Threat to Shallow Water Lakes and Rivers</b> - Glenn Sullivan, Business Development, SOLitude Lake Management
11:45 am to noon	Q&A and wrap up
<b>SESSION A3</b>	<b>Lake Ecology: Beyond Aquatic Plants</b>
9:00 am to 9:25 am	<b>Informing Stakeholders on the Status of an Adirondack Cold-Water Fishery</b> - Ben Casscles, Graduate Student in Lake Management, SUNY Oneonta
9:25 am to 9:50 am	<b>Getting to Know Your Fish: How Your Fishing Trips Can Help Inform Lake Management Strategies</b> - Ryan Elliott, Graduate Student in Lake Management, SUNY Oneonta
9:50 to 10:15 am	<b>Water Quality and Fisheries in Huntington Wildlife Forest - Roles of Climate and Jellyfish</b> - Dr. Margaret Murphy, Principal, Integrated Aquatic Sciences, LLC
10:15 am to 10:30 am	Break
10:30 am to 10:55 am	<b>Scouts as Biologists: Citizen Science Investigating the Fishery of Crumhorn Lake, NY</b> - David Pfuhrer, Graduate Student in Lake Management, SUNY Oneonta
10:55 am to 11:20 am	<b>The Queechy Lake Solar Boat Project</b> – Charles Long, Queechy Lake Club
11: 20 am to 11:45 am	TBA (speaker invited)
11:45 am to noon	Q&A and wrap up
<b>Noon – 1:15pm</b>	<b>LUNCH IN WHITE LION ROOM, FORT WILLIAM HENRY HOTEL</b>
<b>SESSION A4</b>	<b>Harmful Algal Blooms (HABs)</b>
1:30 pm to 2:00 pm	<b>An Introduction to Harmful Algal Blooms</b> - Dr. Gregory Boyer, Department of Chemistry, SUNY ESF
2:00 pm to 2:30 pm	<b>New York's Approach to HABs and HAB Summit Outcomes</b> - Dr. Rebecca Gorney, HABs Program Coordinator, NYS DEC
2:30 pm to 3:00 pm	<b>Proactive Management of Harmful Algal Blooms</b> - Dr. Stephen Souza, Founder, Princeton Hydro LLC
3:00 pm to 3:15 pm	Break
3:15 pm to 3:45 pm	<b>Nutrient Inactivation: A Pennsylvania Case Study</b> - Dr. Fred Lubnow, Director of Aquatic Programs, Princeton Hydro LLC
3:45 pm to 4:15 pm	<b>Beaver Pond Management as a Tool to Control Algae Blooms in a Small, Private Lake</b> - Pat Rose, Graduate Student in Lake Management, SUNY Oneonta
4:15 pm to 4:30 pm	Q&A and wrap up
<b>SESSION A5</b>	<b>Citizen Scientists: Stewards for New York Lakes</b>
1:30 pm to 2:00 pm	<b>NY iMAP Invasives: Sharing Information for Strategic Management</b> - Meg Wilkinson, Invasive Species Database Coordinator, NY Natural Heritage Program

2:00 pm to 2:30 pm	<b>Promoting Stewardship of Water Resources: Lessons Learned from the Great Lakes Program</b> - Emily Sheridan, Eastern Great Lakes Watershed Coordinator, NYSDEC/NY Natural Heritage Trust
2:30 pm to 3:00 pm	<b>Emerging Contaminants: Using CSLAP to Gain a Preliminary Understanding of their Distribution in NY Lakes</b> – MaryGail Perkins, Senior Research Scientist, Upstate Freshwater Institute
3:00 pm to 3:15 pm	Break
3:15 pm to 3:45 pm	<b>CSLAP in the Finger Lakes: Lessons Learned from Year One</b> - Aimee Clinkhammer, Watershed Coordinator, NYS DEC Finger Lakes HUB
3:45 pm to 4:15 pm	<b>Underwater Video Surveys for Dreissenid Mussels in the Finger Lakes of NY: Implications for Citizen Science</b> - Dr. Lewis McCaffrey, Senior Research Scientist, NYS DEC Finger Lakes HUB
4:15 pm to 4:30 pm	Q&A and wrap up
<b>SESSION A6</b>	<b>Hydrilla: It's on the Move!!</b>
1:30 pm to 2:00 pm	<b>Hydrilla 101: Learn to ID This Plant!</b> - Michael Martin, Cedar Eden Environmental
2:00 pm to 2:30 pm	<b>Hydrilla Education in the Great Lakes Basin and Beyond- A Collaborative Project- Calling All Hydrilla Hunters!</b> - Nancy Mueller, Manager, NYSFOLA
2:30 pm to 3:00 pm	<b>OR invited speaker TBA</b>
2:30 pm to 3:00 pm	<b>Hydrilla Control in Harveys Lake, PA</b> - Dr. Fred Lubnow, Director of Aquatic Programs, Princeton Hydro, LLC
3:00 pm to 3:15 pm	Break
3:15 pm to 3:45 pm	<b>Hydrilla Invasion and Adaptive Management at Coventry Lake, CT-</b> Hilary Kenyon, Research Scientist, Northeast Aquatic Research
3:45 pm to 4:15 pm	TBA (speaker invited)
4:15 pm to 4:30 pm	Q&A and wrap up
5:15 pm to 6:00 pm	<b>Annual Wine and Cheese Party – Fort William Henry Hotel</b>
6:00 pm to ~10:00 pm	<b>Annual NYSFOLA Banquet, Lake Tear of the Clouds Award</b> <b>Guest Speaker: Chris Sabeck, Lake Champlain Maritime Museum, Vergennes, VT</b> <b>“Historic Lake Champlain and its Underwater Relics”</b>

## Saturday, May 05, 2018

7:00 am to 8:00 am	Breakfast – White Lion Room, Fort William Henry Hotel
8:00 am to 2:00 pm	Registration Continues – Warrensburg Room, Fort William Henry Conference Center
8:30 am to 9:00 am	Welcome and Logistics, Lake George Room North, Fort William Henry Conference Center
	SESSIONS BEGIN
<b>SESSION B1</b>	<b>Diet for a Small Lake: An Introduction to Lake Ecology and Lake Management</b>
9:00 am to noon Break from 10:20 am to 10:35 am	Dr. Willard Harman and his staff at the SUNY Oneonta Biological Field Station and Union College explain the basics of lake ecology and how to address lake management issues. If you're just learning about lakes, or need a refresher, this is the session for you!
<b>SESSION B2</b>	<b>Lake Association Management – What are the Rules? How to Apply for NY Grants</b>

9:00 am to 10:20AM	<p><b>Doing Well While Doing Good</b> - A special presentation by Karin Kunstler Goldman, NY Charities Bureau</p> <p>Whatever their mission or size, all organizations should have policies and procedures established so that 1) members of their boards understand their fiduciary responsibilities; 2) assets are managed properly and 3) the charitable purposes are carried out. <b>All members of lake association Boards of Directors are encouraged to attend.</b></p>
10:20 to 10:35 AM	Break
10:35am to 10:55 am	<b>How We Did It: Funding a Strategic Plan for Four Kettle Lakes</b> – Tarki Heath, NYSFOLA BOD, Cortland-Onondaga Federation of Kettle Lakes Association
<b>SESSION B3</b>	<b>Nutrient Loading: Investigations and Prevention Practices</b>
9:00 am to 9:20 am	<b>Investigating the Potential for Nutrient Loading Through Groundwater Flow in Oneida Lake</b> - Jacqueline Doerr, Undergraduate Honors Student, Cornell University
9:20 am to 9:40 am	<b>Internal Phosphorus Nutrient Loading Model and the Implications for Oneida Lake</b> – Sue Chen, Undergraduate Honors Student, Cornell University
9:40 am to 10:00 am	<b>Investigating Blue Green Algae in Oneida Lake: Methodological Strengths and Weaknesses</b> – Sophie Hearn, Undergraduate Honors Student, Cornell University
10:00am to 10:20 am	<b>Collaborative Action to Improve Roadside Ditches and Reduce Nutrient Loading Across New York State</b> - Dr. Rebecca Schneider, Associate Professor, Cornell University
10:20 am to 10:35 am	Break
10:35 am to 10:55 am	<b>Creating Sustainable Lakeshores</b> – Kristen Wilde, Director of Education, Lake George Association
10:55 am to 11:15 am	<b>Best Available Proven Technologies to Reduce Phosphorus Loadings Within Your Watershed</b> – Jim Cunningham, NYSFOLA BOD, President NWT Inc.
11:15 am to 11:35 am	Invited speaker TBA
11:35 am to noon	Q&A and wrap up
<b>SESSION B4</b>	<b>Emergency Preparedness One and a Half Hour Mini Session – NYS Citizen Preparedness Corps</b>
10:00 am to 11:30 am	With severe weather events becoming more frequent and more extreme, it is more important than ever that New Yorkers are prepared for disasters. The NY Citizen Preparedness Training Program teaches residents to have the tools and resources to prepare for any type of disaster, respond accordingly and recover as quickly as possible to pre-disaster conditions. The training course will provide an introduction to responding to a natural or man-made disaster. Participants will be advised on how to properly prepare for any disaster, including developing a family emergency plan and stocking up on emergency supplies.
<b>12:00 pm to 1:30 pm</b>	<b>LUNCH and Membership Meeting</b>
1:30 pm to 2:00 pm	Please spend some time with our Exhibitors who support the conference
<b>SESSION B 5</b>	<b>Onsite Waste Water Issues</b>
2:00 pm to 2:30 pm	Overview: Developing and Implementing a Septic Inspection Program - Eric Murdock, Onsite Engineering
2:30 pm to 3:00 pm	NYS Onsite Wastewater Treatment Network - Mark Noga, Chair, OTN

3:00 pm to 3:15 pm	Break
3:15 pm to 3:45 pm	Dunham's Bay Lake George Cast Study - speaker TBA
3:45 pm to 4:15 pm	NY Septic System Replacement Program - Eric Murdock and Mark Noga
4:15 pm to 4:30 pm	Q&A and wrap up
<b>SESSION B6</b>	<b>Managing Our Lakes and Watersheds</b>
2:00 pm to 2:30 pm	<b><i>One Watershed, Many Lakes: A Strategic Plan for the Kettle Lakes of Southern Onondaga and Northern Cortland Counties</i></b> - Michael Hartshorne, Senior Limnologist , Princeton Hydro LLC
2:30 pm to 3:00 pm	<b><i>Evaluating the Benefits of Wetlands in Lake Management</i></b> Planning - Sonja Wixom, Graduate Student in Lake Management, SUNY Oneonta
3:00 pm to 3:15 pm	Break
3:15 pm to 3:45 pm	<b><i>Lake Ronkonkoma: An Examination of the History, Challenges, and Management</i></b> - Monica Matt, Graduate Student in Lake Management, SUNY Oneonta
3:45 pm to 4:15 pm	<b><i>The Challenges of Managing Adirondack Lakes: A Case Study of Paradox Lake, NY-</i></b> Alexa Tumbarello, Graduate Student in Lake Management, SUNY Oneonta
4:15 pm to 4:30 pm	Q&A and Wrap Up
<b>SESSION B7</b>	<b>Protecting Lake George – A Model for All NY Lakes</b>
2:00pm to 2:30 pm	<b><i>The Consequences of Road Salt Use to Freshwater Ecosystems</i></b> - Dr. Bill Hintz & Dr. Matt Schuler, Postdoctoral Research Associates, Darrin Fresh Water Institute
2:30 pm to 3:00 pm	<b><i>The Interplay Between Road Salt, Invasive Species, and Aquatic Plants</i></b> - Kayla Coldsnow, Doctoral Student, Darrin Fresh Water Institute
3:00 pm to 3:15 pm	Break
3:15 pm to 3:45 pm	<b><i>Asian Clam in Lake George: What We Now Know</i></b> - Dr. Sandra Nierzwicki- Bauer, Associate Director, Darrin Fresh Water Institute
3:45 pm to 4:15 pm	<b><i>Mercury in the Lake George Food Web: The Good, The Bad and The Unknown</i></b> - Dr. Mark Swinton,
4:15 pm to 4:30 pm	Q&A and Wrap Up
<b>SESSION B8</b>	<b>CSLAP Training for New Volunteers – With thanks to the Lake George Association</b>