

# EMPOWERING LAKE ASSOCIATIONS IN CHALLENGING TIMES

New York State Federation of Lake Associations  
36th Annual Conference



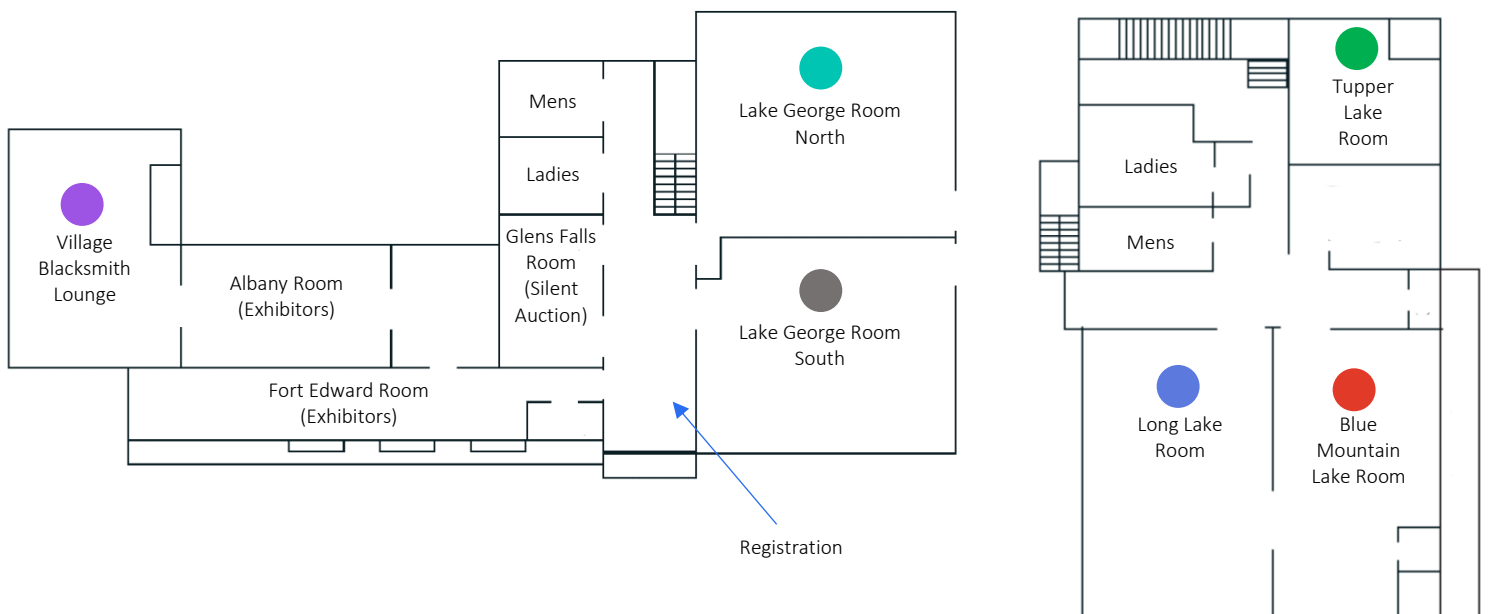
**FRIDAY & SATURDAY MAY 3 - 4**

Fort William Henry Hotel & Conference Center  
Lake George , NY

# Fort William Henry Conference Center



## Fort William Henry Hotel & Conference Center Property Map



# New York State Federation of Lake Associations

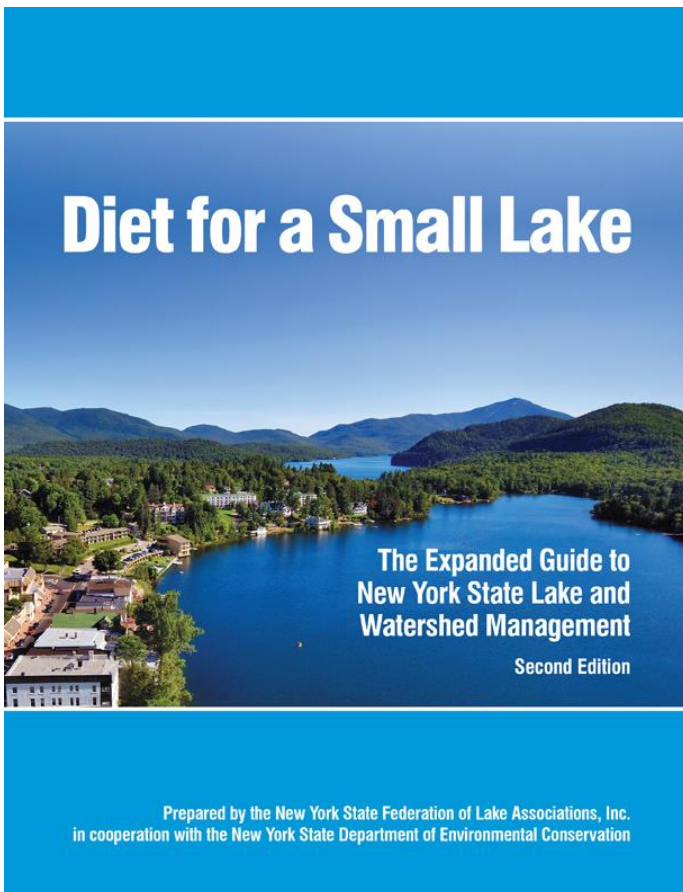


## Our Mission:

To protect water resources of New York State by assisting local organizations and individuals through public dialogue, education, information exchange, and collaborative efforts.

We continue our fundamental mission of assisting lake associations and watershed groups by providing updated information on the ever-evolving set of challenges to water quality preservation. Many lakes have faced the same problems and have varying degrees of success in solving lake management issues. The best solutions come when ideas and approaches to problems are shared and improved implementation techniques are applied. It is hoped that these ideas can be shared, and simultaneously new approaches will be found.

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Get yourself a copy of  
Diet for a Small Lake!

This book provides an introduction to lake ecology, descriptions of lake restoration and watershed management techniques, an overview of relevant New York State laws and regulations, and guidance on preparing a watershed management plan.

# FRIDAY, MAY 3

## SESSION A1

Lake George Room North  
Aquatic Invasive Species in New York

10:15am – 10:45am

### An Update on New York's Watercraft Inspection Steward Program

Dr. Catherine McGlynn | NYSDEC  
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 George Room South  
Lake Management Tools and Strategies

10:15am – 10:45am

### Reducing In-Lake Sediment and Nutrient Loads – A Cost Effective 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

11:15am – 11:45am

### Impacts of Carp on Water Quality

Dr. Stephen Souza | Clean Waters Consulting, LLC

## SESSION A3

Long Lake Room  
Water Quality and HABs in the Finger Lakes

10:15am – 10:45am

### Finger Lakes Water Quality: Lessons Learned 2017 - 2018

Aimee Clinkhammer | NYSDEC

10:45am – 11:15am

### Let it Snow! What Can Winter Water Quality Data Tell Us?

Tony Prestigiacomo | NYSDEC

11:15am – 11:45am

### Utilizing Satellites to Estimate Chlorophyll *a* in the Finger Lakes

Dr. Lewis McCaffrey | NYSDEC

# FRIDAY, MAY 3

## SESSION A4

Blue Mountain Lake Room  
NYS Dam Safety Updates

10:15am – 10:45am

**New York's Dam Safety: Then and Now**  
Alon Dominitz, PE | NYSDEC

10:45am – 11:15am

**Bringing NYS Dams into Compliance**  
Hans Hasnay, PE | WSP USA

11:15am – 11:45am

**Beaver Dam Lake Dam Rehabilitation: A History**  
Larry Rossini | Beaver Dam Lake Protection & Rehabilitation District

## SESSION A5

Village Blacksmith Lounge  
Special Session: Ask Dr. Lake

10:15am – 11:45am

### Ask Dr. Lake

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. Appointments will be 15 minutes long, but you can reserve a "double" if you have a lot of questions.

## LUNCH

(for ticket holders) in White Lion Restaurant  
Noon – 1:00pm

## Don't forget to check out our Silent Auction!

(located in the Glens Falls Room)

Proceeds benefit NYSFOLA's scholarship program which supports the Oneonta Foundation to fund graduate students in their efforts to prepare lake management plans for lakes across the state!

# FRIDAY, MAY 3

## SESSION A6

Lake George Room North  
Aquatic Invasive Species in New York

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 Vegetation: A Case Study**  
A.J. Reyes & Dr. George Knoecklein | Northeast Aquatic Research, LLC

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-Volrath | Adirondack Park Invasive Plant Program

3:45m – 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

Lake George Room South  
Harmful Algal Blooms

1:30pm – 2:00pm

**Prevalence & Thresholds for Cyanotoxins in New York**  
Dr. Rebecca Gorney | NYSDEC

2:00pm – 2:30pm

**NYS Harmful Algal Bloom Initiative & Mitigation Pilots**  
Stephanie June | NYSDEC

2:30pm – 3:00pm

**Potential Drivers of Harmful Algal Blooms in New York State Lakes**  
Vincent W. Moriarty | IBM Research, The Jefferson Project

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 and Forestry

3:45m – 4:15pm

**Development of a HABs/Cyanotoxin Management Plan**  
Dr. Fred Lubnow | Princeton Hydro, LLC

# FRIDAY, MAY 3

## SESSION A8

Long Lake Room

### Empowering Lake Associations In Challenging Times

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

#### Share & Pair

A time to 'share and pair' with lake associations with similar needs and interests.

## SESSION A9

Blue Mountain Lake Room

### Land Conservation and Restoration

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 and Water Conservation District

2:30pm – 3:00pm

#### Protecting the Land that Protects the Lake – from Conservation to Stewardship

Sarah Hoffman | Lake George Land Conservancy

Break

3:15pm – 3:45pm

#### Project WHIRL (Protectors of Water and Habitat on the Indian River Lakes)

Wylie Huffman | Indian River Lakes Conservancy

3:45m – 4:15pm

#### Protecting Chautauqua Lake's Watershed

Jane Conroe | Chautauqua Watershed Conservancy

## SESSION A5

Village Blacksmith Lounge

### Special Session: Ask Dr. Lake

1:30pm – 4:45pm

#### Ask Dr. Lake

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. Appointments will be 15 minutes long, but you can reserve a "double" if you have a lot of questions.

FRIDAY, MAY 3

**ANNUAL WINE AND CHEESE PARTY**  
(for ticket holders) in Village Blacksmith Lounge  
**5:15pm – 6:00pm**

**NYSFOLA ANNUAL BANQUET**  
(for ticket holders) in White Lion Restaurant  
**6:00pm**

With Special Presentation:  
**Adirondack Photo Journeys**  
Carl Heilman II | Wild Visions, Inc.

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# SATURDAY, MAY 4

## BREAKFAST

(for ticket holders) in White Lion Restaurant  
7:00am – 8:00am

## WELCOME & LOGISTICS

8:45am – 9:00am

### SESSION B1

Lake George Room North  
Lake Management Planning and Implementation

9:00am – 9:30am

**Stewardship of Chautauqua County's Aquatic Resources Through the 2% Occupancy Tax Program**

David McCoy | Chautauqua County Dept. of Planning & Economic Development

9:30am – 10:00am

**Developing a Management Plan for a Small, Private Lake**

Christopher Maier \*\* | SUNY Oneonta

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

### SESSION B2

Lake George Room South  
Our Changing Watersheds

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

Break

10:15am – 10:45am

**Science in Support of Water Resources in New York**

Robert Breault | USGS – 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**

David Andrews \*\* | SUNY Oneonta

# SATURDAY, MAY 4

## SESSION B3

Long Lake Room  
Diet For A Small Lake

9:00am – 11:45am

### Lake Ecology 101

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

Blue Mountain Lake Room  
CSLAP Training

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

9:00am – 9:30am

### Welcome and Introduction

Stephanie June | NYSDEC

9:30am – 10:00am

### 30 Years of CSLAP: What Have We Learned about NY Lakes?

Scott Kishbaugh | NYSDEC

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 Prestigiacomo | NYSDEC

11:15am – 11:45am

### How to Collect a Harmful Algal Bloom Sample

Dr. Lewis McCaffery | NYSDEC & Dr. Rebecca Gorney | NYSDEC

## SESSION B5

Tupper Lake Room  
Aquatic Plant ID Workshop

9:00am – 11:45am

### Aquatic Plant Identification

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.

**LUNCH & Annual NYSFOLA Membership Meeting**  
(for ticket holders) in White Lion Restaurant  
**Noon – 1:00pm**

# SATURDAY, MAY 4

## SESSION B6

Lake George Room North  
Stormwater Management and Nutrient Reduction

2:00pm – 2:30pm

**Urban Watershed Renewal in Berry Brook, NH: An Examination of Impervious Cover, Stream Restoration & Ecosystem Resilience**

Dr. Tom Ballestero | 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

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

Lake George Room South  
Water Quality Issues

2:00pm – 2:30pm

**Empowering Citizen Scientists to Monitor Chemicals of Emerging Concern**

MaryGail Perkins | Upstate Freshwater Institute

Dr. Teng Zeng | Syracuse University

2:30pm – 3:00pm

**Use of Water Quality in Evaluating Plant and Algae Problems**

Dr. George Knoecklein | Northeast Aquatic Research, LLC

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**

Dr. Rebecca Schneider | Cornell University

# SATURDAY, MAY 4

## SESSION B8

Long Lake Room  
A Potpourri of Lake Management Topics

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

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

Blue Mountain Lake Room  
CSLAP Training (continued)

2:00pm – 4:15pm

### Hands on Training

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

Tupper Lake Room  
Aquatic Plant ID Workshop (session B)

2:00pm – 4:15pm

### Aquatic Plant Identification

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.



Margaret H. Murphy, Ph.D. Certified Fisheries Professional, Principal  
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# NOTES

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For other details, visit [www.nalms.org](http://www.nalms.org) or contact one of the conference coordinators: Meg Modley ([mmodley@lcbp.org](mailto:mmodley@lcbp.org)), Jeff Schloss ([jeff.schloss@unh.edu](mailto:jeff.schloss@unh.edu)), and Perry Thomas ([perry.thomas@vermont.gov](mailto:perry.thomas@vermont.gov)).

- atmospheric deposition
- impacts of climate change
- citizen science
- water level management
- lake remote sensing
- sentinel lakes
- regional monitoring
- lake bioindicators
- cyanobacteria and algal blooms
- nutrient pollution
- flooding and extreme events
- aquatic invasive species