



20th Anniversary Meeting

Preliminary Program

Northeast Aquatic Plant Management Society

January 8-10, 2019

The Desmond Hotel Albany – Albany, New York

Tuesday, January 8, 2019

12:30pm to 1:30pm	Algae Workshop I <i>Ken Wagner, Ph.D., Water Resource Services</i>
1:30pm to 2:30pm	Algae Workshop II <i>West Bishop, Ph.D., SePRO Corporation</i>
2:30pm to 3:00pm	Refreshment Break
3:00pm to 3:30pm	Brazilian Waterweed: Maybe Not as Tough as it Looks <i>Gregory Bugbee and Summer Stebbins, The Connecticut Agricultural Experiment Station</i>
3:30pm to 5:30pm	Aquatic Plant Workshop and Quiz <i>SOLitude Lake Management Biology Team</i>
5:30pm to 7:30pm	NEAPMS Presidential Reception <i>(musical entertainment, mingling, cash bar and appetizers)</i>
7:30pm -	Dinner and/or entertainment on your own

Wednesday, January 9, 2019

7:30am to 8:30am	Continental Breakfast
8:30am to 8:45am	Welcome Remarks <i>Meg Modley, NEAPMS President</i>
8:45am to 9:15am	Plenary Presentation: 20 Years of Plant Management in New York: Threading the Needle Rush <i>Scott Kishbaugh, Ph.D., NYS DEC</i>
9:15am to 9:45am	Ongoing Management of an Incipient <i>Nitellopsis obtusa</i> (starry stonewort) Infestation in Lake Sylvia, Minnesota, Using a Copper-Based Algaecide* <i>Tyler Geer, Clemson University</i>
9:45am to 10:00am	Refreshment Break
10:00am to 11:30am (30 minute presentations)	New York HABs (Moderated by Jim Sutherland, NYS DEC retired) <ul style="list-style-type: none"> ● Intro to NY HABs Program <i>Anthony Prestigiacomio, NYS DEC</i> ● New York State HABs Program: How do we Define a Bloom? <i>Rebecca Gorney, NYS DEC</i> ● New York State Harmful Algal Bloom Initiative – HABs Mitigation Strategies Pilot <i>Stephanie June, NYS DEC</i>
11:30am to 12:45pm	Luncheon

12:45pm to 1:15pm	Sponsor Updates (<i>invited 2-3 minute industry updates</i>)
	New Technologies (Moderated by Bo Burns, SŌLitude Lake Management)
	<ul style="list-style-type: none"> • Development of an Autonomous Aquatic Application System <i>Rob Richardson, Ph.D., NC State</i> • AMP® Activator Adjuvant for Aquatic Plant Management <i>Bill Ratajczyk, Lonza Water Treatment</i> • The Use of Field GIS Data Collection Tools to Empower Watercraft AIS Inspection Programs – WISPA in New York State <i>Catherine McGlynn, Ph.D., NYS DEC</i> • Environmental DNA in Aquatic Plant Research: Looking Back, Looking Ahead. <i>Jose Andres, Ph.D., Cornell University</i>
1:15pm to 3:15pm (30 minute presentations)	
3:15pm to 3:45pm	Refreshment Break
	Water Chestnut (Moderated by Bob Johnson, Cornell University)
	<ul style="list-style-type: none"> • Invasive Ability of <i>Trapa natans</i> L. and <i>Trapa bispinosa</i> Roxb. Var. <i>iinumai</i> Nakano Grown in Mixed Cultures of <i>Vallisneria americana</i> Michx. and Monoecious <i>Hydrilla verticillata</i> (L.f.) Royle <i>Lynde Dodd, Ph.D., US Army Corps of Engineers</i> • Hand Pulling Water Chestnut (<i>Trapa natans</i>) on Long Island: Successes and Failures <i>Luke Gervase, Long Island Invasive Species Management Area</i>
3:45pm to 4:45pm (30 minute presentations)	
	NEAPMS Business Meeting – <i>NEAPMS Board of Directors</i>
4:45pm to 5:15pm	APMS Updates- <i>John Rodgers, APMS President</i>
	AERF Updates- <i>Carlton Layne, Executive Director</i>
5:15pm to 5:45pm	Poster Slam Session – Moderated by Meg Modley, NEAPMS President
5:45pm to 7:00pm	Reception and Poster Session
7:00pm to 9:00pm	20 th Anniversary Awards Banquet

Thursday, January 10, 2019

7:30 am to 8:00 am	Continental Breakfast
	Water Quality Impacts on Plants and Algae (Moderated by Charles Boylen, Rensselaer Polytechnic Institute, retired)
	<ul style="list-style-type: none"> • Water Quality Features Useful in Plant and Algae Management <i>George Knoecklein, Ph.D., Northeast Aquatic Research</i> • Water Quality Management to Control Algae <i>Dominic Meringolo, SŌLitude Lake Management</i> • Use of Water Quality Data in Evaluating Plant and Algae Problems <i>Ken Wagner, Ph.D., Water Resource Services</i> • Cyanotoxins in Drinking Water: A Summary of Information on Treatment and Management for Public Water Systems <i>Karen Sklenar, Ph.D., Cadmus Group</i>
8:00am to 10:00am (30 minute presentations)	
10:00am to 10:30am	Refreshment Break

Topics in Aquatic Vascular Macrophytes (Moderated by John McPhedran, ME DEP)

10:30am to 12:30pm
(30 minute presentations)

- Evaluation of Improved Herbicidal Techniques for Crested Floating Heart (*Nymphoides cristata*) Management*
Kara Foley, NC State
- The Impact of Varying Temperature and Salinity Exposures on Monoecious Hydrilla Propagules*
Emily Vulgamore, NC State
- Absorption and Translocation of Florpyrauxifen-benzyl (ProcellaCOR®) in Selected Aquatic Plant Species
Erika Haug, Ph.D., NC State
- Northern US Demonstrations of Selective Control of Invasive Watermilfoils Utilizing ProcellaCOR®
Mark Heilman, Ph.D., SePRO Corporation

12:30pm to 1:30pm

Luncheon and Silent Auction Item Pick-Up

Posters

Long-Term Impacts by Applications of Fluridone and Triclopyr to Target and Non-Target Aquatic Vegetation Over a Fourteen-Year Period.

Amanda Mahaney, SŌLitude Lake Management

2017-2018 Study of Phragmites Management Effects at the Esplanade

Brea Arvidson, SŌLitude Lake Management

Exploration of Secondary Metabolites of Several Invasive Plants and Their Anti-Cancer Effects

Bin Zhu, Ph.D., University of Hartford

Investigating Vegetative Propagule Success of Dioecious *Hydrilla verticillata* in Northern Climates*

Kara Foley, NC State

A 1.25 Acre Patch of Sacred Lotus (*Nelumbo nucifera*) Found in a Suburban Pond in Meshanticut State Park, Cranston, Rhode Island

Katie DeGoosh, NEIWPC / RI DEM

Consumer Available sUAS (Small Unmanned Aircraft Systems) for Macrophyte Mapping and Management*

Andrew Howell, NC State

*Denotes student presentation

Visit www.neapms.org for full conference information, including venue, registration, exhibits, sponsorship and more.