

Wednesday – March 3rd

- 10:00-10:30 AM Welcome to PALMS's 31st Annual Conference: PALMS President, Joshua Burnside, PALMS Executive Director, Kate Harms
- 10:30-11:30 AM Keynote Speaker, West Bishop, PhD, SePRO, *Cyanobacteria and the Future of Freshwater: Ours or Theirs*
- 11:30-12:00 PM *European Frog-Bit: An Emerging Concern in the Great Lakes Region*. Mark Warman, Aquatic Invasive Species Project Coordinator, Cleveland Metroparks
- 12:00-12:15 PM NALMS update, John McCoy, NALMS Region 3 Director
- 12:15-1:00 PM BREAK
- 1:00-1:30 PM *Virtual Workshop: Use of Lateral Flow Test Strips for Detection of Algal Toxins in Recreational Water*, Jane Love, Eurofins Abraxis
- 1:30-2:00 PM *Implementation of Various In-Lake Management Techniques to Address HABs in Lake Hopatcong, NJ*, Fred Lubnow, PhD, Princeton Hydro
- 2:00-2:30 PM *How to Develop a Watercraft Inspection Program to Prevent the Spread of Aquatic Invasive Species*, Sarah Whitney, SeaGrant
- 2:30-3:00 PM *Little plants, big potential for bioremediation: Determining variation in duckweed response to cyanotoxins*, Lacey D. Rzodkiewicz, University of Pittsburgh
- 3:00-4:00 PM *Are you Covered? Let's Talk about PPE*, Genevieve Christ, Penn State Extension, **Pesticide Applicator Credits**, PA, NJ, MD

Thursday – March 4th

- 9:45-10:00 AM Welcome-PALMS President- Joshua Burnside
- 10:00-11:00 AM *Regenerating Watershed Soils Revitalizes PA Lakes*, Kris Nichols, PhD, KRIS Systems
- 11:00-11:30AM *Managing Waterbodies of All Shapes and Sizes: Comparing and Contrasting the Unique Elements of Pond and Lake Management*, Joe Pinkerton, Aquatic Environment Consultants, Joshua Burnside, Black Lagoon Lake and Pond Management
- 11:30-12:00 PM *Aeration of Shallow to Moderately Deep Lakes and the Benefits of Bioaugmentation Using Concentrated Bacteria Additives*, Ed Molesky, Aqua Link
- 12:00-12:30 PM Break
- 12:30-1:00 PM Annual Membership Meeting and Lake Awards- PALMS Board of Directors

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| 1:00-2:00 PM | <i>Lakes 101: An Introduction to Basic Concepts in Lake Morphometry, Physics, and Chemistry</i> , Milt Ostrofsky, PhD |
| 2:00-2:30 PM | <i>Survey Before You Stock – How a Fisheries Survey Can Help Avoid Costly Fisheries Management Mistakes</i> , Mike Reiner, Aqua Link |
| 2:30-4:00PM | PA HABs task force panel and discussion |
| 4:00 PM | Adjourn – We can't wait to see you all in person next year! |