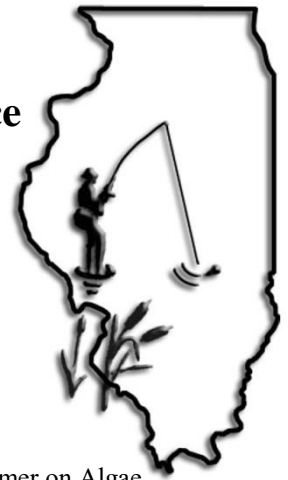


# Illinois Lake Management Association's 33<sup>rd</sup> Annual Conference

March 22<sup>nd</sup> – 24<sup>th</sup>

*General Conference Schedule*



## THURSDAY

[8:00-9:45] – Registration Opens

[9:45-11:15] – Concurrent Sessions #1

### *Session 1a: Algae Part 1*

Rick Twait (City of Bloomington) → Why Does Algae Always Get a Bad Wrap.... a Brief Primer on Algae

Gare Ambrose-Igho (Illinois State University) → Spatial Patterns of Algae Blooms in Lake Bloomington

Jill Mayes (City of Bloomington) → Lakes After Hours: Continuous Monitoring of Lakes Bloomington and Evergreen Using a Buoy

### *Session 1b: Nutrients*

Joseph Miller (Illinois State University) → Diurnal and Seasonal Variation in Nitrate-Nitrogen Concentrations of Groundwater in a Saturated Buffer Zone

Paul Terrio (U.S. Geologic Service) → Developing Numeric Criteria for the State of Illinois

Andy Hay (Tower Lakes) → Tower Lakes Bioswale/Raingarden Project

[11:30-12:00] – P2D2: A Problem + an Idea + a Bunch of Kids = a Solution

[12:00-1:30] – Lunch Break & Scholarship Announcements

[1:30-3:00] – Concurrent Sessions #2

### *Session 2a: Algae Part 2*

Kumar Kuldip (Metropolitan Water Reclamation District) → Utilizing Microalgae for Nutrient Recovery from Wastewater

Teri Holland & Greg Ratliff (Illinois EPA) → BloomWatch, the App, and other Assorted Updates in the VLMP Program

Rachel Steiger (Southern Illinois University) → A Living Laboratory at Southern Illinois University: Remediation and Sustainable Science for Harmful Algal Blooms Following the 2016 Dredging of Campus Lake

### *Session 2b: Watershed Management*

Mike Mounce (Illinois Department of Natural Resources) → The Proper Application of Fishing Regulations

Eric W. Peterson (Illinois State University) → Transport and Fate of Chloride from Road Salt within a Mixed Urban and Agricultural Watershed: Assessing the Influence of Chloride

Debbie Budyak (ILM) → Managing Shoreline Buffers and Cattails

[3:00-3:30] – Break

[3:30-5:00] – Keynote Session

Molly Flanagan (Great Lakes Alliance) → **Threats and Opportunities facing the Great Lakes**

Panel Discussion (ILMA) → Where are we headed? Policy and Funding

[5:00-6:00] – Exhibitors Reception

[6:00-7:30] – Dinner & Annual Member Meeting

[7:30-9:30] – Trivia night at BraiZe

## FRIDAY

[8:30-10:00] – Concurrent Sessions #3

*Session 3a: Invasive Species*

Michelle E. Nault (Wisconsin DNR) → Case study: Starry Stonewort

Greg Hitzroth (IL/IN Sea Grant) → Aquatic Invasive Species in Illinois

Michelle E. Nault (Wisconsin DNR) → Non-native Eurasian and Hybrid Watermilfoil Ecology and Herbicide Control

*Session 3b: Dredging*

Peter Berrini (Berrini and Associates, LLC) → Does My Lake Need Dredging

Keith Alexander (City of Decatur) → Lake Decatur Dredging: Can We Dig It? Yes We Can!

Charles Theiling (USACE) → Beneficial Use of Dredged Material: Can Soil Sales Save Illinois Lakes?

[10:00-10:30] – Break

[10:30-12:00] – Concurrent Sessions #4

*Session 4a: Developing and Sustaining HOA Lake Committees*

*Panel discussion with representatives from Bangs Lake, Tower Lakes, Timberlake, & Lake Burlington*

→ Establishing Committees, Engaging Resources, Partnering, Overcoming Challenges

*Session 4b: Fish Habitat*

Leonard Dane (Deuchler Environmental, Inc.) and Trent Thomas (Illinois Department of Natural Resources) → Types of Natural and Artificial Fish Habitat for Lakes and Streams

Mike Garthaus (Illinois Department of Natural Resources) → The Need for Fish Habitat Enhancement

Mike Mounce (Illinois Department of Natural Resources) → Fish Habitat in action

[12:00-1:00] – Lunch

[1:00-2:30] – Closing Session #5

*Session 5: Climate Impacts*

Joseph Honings (Illinois State University) → Climate Impacts on Surface Inflow into Evergreen Lake and Lake Bloomington Watersheds

Bryan Cross (Prairie Engineers) → What Does Climate Change Look Like?

Anthony Breitenbach (Illinois State University) → Temporal Effects of Heat Waves on Sex Ratios and Gene Expression in a Freshwater Turtle

[2:30-2:45] – Closing Remarks/Raffles



see  
you  
there

## SATURDAY

[8:00-12:00] WORKSHOP

### Midwestern Waterfowl and Shorebirds

At this workshop, Michael Bowers of the Audubon Society of Illinois will share his decades of experience on bird watching to help increase the chances of checking off those species on your birding bucket list. This workshop will focus on waterfowl and shoreline birds, but will provide a wide expanse of knowledge on bird identification and where to find them.



Morning in-class portion:

- *Class instruction will highlight bird watching techniques on the 'when', 'how', and 'what' to do in the field to maximize your bird observing skills*

Field trip:

- *Following the classroom session, an optional field trip will visit Lake Bloomington to practice bird identification*

*Professional development hours (PDHs) will be available for attendees: 10 PDHs will be provided for attending the 2 days of conference sessions; 4 PDHs will be provided for attending the Saturday workshop.*

### Conference Center Registration and Hotel Reservations



Located in Bloomington, IL, the Parke Regency Hotel & Conference Center is offering a special rate of \$72 per night. This rate included a complimentary breakfast coupon. To ensure that you get this rate please call the hotel directly at (309) 662-4300; ext. 5 and mention that you are with the Illinois Lake Management Association. There are a mix of King and Double Queen rooms available. **The deadline to receive the special rate is February 21, 2018.**

Please visit [www.ilma-lakes.org/conference](http://www.ilma-lakes.org/conference) for online registration or mail in form. Registration is \$130 for members and \$150 for non-members (special discounted rate of \$100 for presenters, HOA representatives and students).

