

Illinois Lakes Management Association's 35th Annual Conference March 12-14th, 2020 iHotel & Conference Center 1900 S 1st St, Champaign, IL 61820

The Illinois Lakes Management Associations 35th annual lake conference is being held at the iHotel & Conference Center in Champaign, IL on March 12-14th, 2020. This conference will feature over 30 experts presenting on various topics. The technical presentations will occur over two full days; the workshops will be split between the second and third day. Come take advantage of the opportunity to learn and network with persons throughout the industry. Exhibitors from leading consulting firms, government agencies, and lake management groups will also be in attendance.

Lodging

Conference attendees will be provided a special rate of \$139/night at the iHotel (government rate also available –contact ILMA for government code). Book online or call 217-819-5000 and mention block code "ILMA2020" to get special rate. Special rate available until 2/11/2020.

Professional Development Hours

PDHs will be provided for those who attend the 2-day conference sessions and/or the workshops. IEPA class ID numbers will be provided for operator certification.

Registration Fees

\$170 Conference Registration (Full registration + 2020 Individual ILMA membership)

\$120 HOA representatives and full-time students.

\$60 One Day Student Only Pass (all programming) or students can attend sessions (no meals) for free.

Registration includes lunch on Thursday & Friday, exhibitor reception & dinner on Thursday, and all conference materials. It also includes access to two workshops (pre-registration required as spots are limited). Conference Sessions begin 9 AM on March 12th (registration begins at 8 AM) and concludes a 3:30 PM on March 13th. Workshops will take place Friday afternoon and Saturday (3/14) morning.

Thursday March 12th Kevnote Speaker:

Doug Blodgett, The Nature Conservancy

Come join us to hear Doug talk about "The Nature Conservancy's Emiquon Project: Restoring Functional Floodplain for Nature and People". Doug Blodgett is the Director of River Conservation for the Illinois Chapter of the Nature Conservancy. He is involved in research related to large river ecology, restoration and management and works on "reconnecting rivers with their floodplains".



Register Today Early bird pricing until Feb 11th, 2020

To register visit: https://ilma-lakes.org/conference-registration.

Payment can be made by check (mail) or via PayPal through the website. Cancellations will be subject to a \$20 service fee until Feb 11th, 2020, after which no refund will be available.



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Thursday March 12th, 2020

8:00—9:00 AM: Registration Opens

9:00 - 10:30 AM: Concurrent Session #1

1a: Lakes 101 and Pollution Prevention

9:00: Ponds and Lakes 101, Michael Hiatt, SePRO

9:30: Lawn to Lake: Pollution Prevention with Natural Lawn Care Outreach, Allison Neubauer, IL-IN SeaGrant

10:00: Renovating the Red Oak Rain Garden, C. Eliana Brown, IL-IN SeaGrant

1b: Dredging Panel (9:00 –10:30)

This session will be a panel of experts in the fields of sedimentation, dredging due diligence, project scoping, permitting pathways and plan development, construction, and material disposal and reuse. The panel will consist of a series of short presentations for content, followed by open discussion, Q&A. The presentation is meant to provide context of sediment delivery and removal under differing circumstances and conditions. The panel will consist of:

John Marlin: Sediment delivery and reuse mechanism - Illinois Sustainable Technology Center

Peter Berrini: Dredging assessments and work scoping - Berrini & Associaties

Brian Valleskey: Project permitting and plan development - Geosyntec Consultants

Keith Gray: contractor's considerations – Integrated Lakes Mgmt.

10:30-11:00 Break

11:00 - 12:00: Joint Session #2 Pontiac Unit 90 School

12:00—1:30 Lunch & Scholarship Announcements

1:30 - 3:00 PM: Concurrent Session #3

3a: Aquatic Life

1:30: The Shelbyville Cube & Lake Shelbyville Fish Habitat Alliance: Partnerships in artificial and natural habitat development, Mike Mounce, IDNR-Fisheries Division

2:00: Importance of Freshwater Mussels, Jeremy Tiemann, Illinois Natural History Survey
 2:30 Be vewy vewy quiet—I'm hunting Zebra Mussels! John Sonnenberg,
 Highland Lake Property Owners Association

3b: HOA Splash Panel (1:30—3:00)

This session will have a panel of speakers who are part of lake homeowner associations (HOA). Many lakes in Illinois are managed by HOA's and HOA boards are generally made up volunteers with a mixture of backgrounds. Home owners can be an unruly bunch, boards must manage streets, storm drains, ordinances and their lake. This session is devoted to the variety of issues that boards need to tackle such as educating the community to support lake improvements, acquiring grants and managing projects.



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Thursday March 12th, 2020 (Continued)

3:00 - 3:30 Break

3:30 - 5:00: Session 4—Keynote Speaker: Doug Blodgett

<u>The Nature Conservancy's Emiquon: Restoring and Managing a Functional Floodplain for</u> Nature and People

K. Douglas Blodgett has life-long ties to large rivers. He grew up along the Illinois and has fond memories of hiking, camping, boating, fishing, and hunting on the river. After receiving BS and MS degrees from Western Illinois University, he was involved in research on the Illinois and Mississippi Rivers for 16 years with the Illinois Natural History Survey and directed their Illinois River Biological Station for a decade. Doug joined The Nature Conservancy in 1998 and is Director of River Conservation for the Illinois Chapter. Among his responsibilities is oversight of the Conservancy's model floodplain restoration project at Emiquon.

5:00 -6:00 Exhibitor's Reception and Poster Presentations

6:00 - 7:00 PM: Dinner

7:00 - 8:00 PM: ILMA Annual meeting and Awards Presentation

8:00 - 10:00 PM Social Events

Friday March 13th, 2020

8:30—10:00 AM: Concurrent Session #5

5a: Aquatic Plants & Algae

8:30: *Hydrilla in Illinois: How the Rapid Response Control Plan was put into Action,* Mike Adam, Lake County Health Department

9:00: Air Nanobubbles as a Chemical-Free Method for Algae Control, Christian Ference, Moleaer, Inc.

9:30: How Mapping Your Aquatic Plants Helps you Better Manage your Lake, Gerard Urbanozo, Lake County Health Department

5b: Nutrient Reductions

8:30: The Role of Floating Gardens to Alter the Water Quality of the Chicago River, Emmett Spooner, Illinois State University

9:00: Applied perspectives regarding nutrient pollution and internal loading reductions in waterways, Emily Reed, Integrated Lakes Management

9:30: Reducing Phosphorus loads from Non-Point Sources, Taylor Berkshire, University of Illinois

10:00 - 10:30 Break

Throughout the conference make sure to stop by the Stream Table Demonstration by John Beardsley, Illinois State Water Survey



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Friday March 12th, 2020 (Continued)

10:30 - 12:00 Concurrent Session #6

6a: Fish

10:30: Fish Stocking: Considerations for the Best Results, Mike Mounce, IDNR—Fisheries

11:00: Genetic Analysis of the rapid expansion of Banded Killifish (Fundulus diaphanus) in the Great Lakes Region, Jordan N. Holtswarth, University of Illinois

11:30: *Algae Blooms and Fish Kills: Case Studies in East-Central Illinois,* Trent Thomas, IDNR—Fisheries

6b: Watersheds and Nutrient Management

10:30: Challenges with water treatment and nutrient loading, success stories and the hardships encountered with the management of such a large lake and watershed. Ted Meckes, Water Division Manager for City, Water, Light & Power, City of Springfield

11:00: *Illinois Farm Bureau's Efforts to Improve Water Quality,* Lauren Lurkins, Illinois Farm Bureau

11:30 Geographic and Annual Variations in Riverine Nitrate and Total Phosphorus Loads in Illinois, Greg McIssac, PhD., University of Illinois

12:00 -1:30 Buffet Lunch

1:30 - 3:00 Session 7

7a: Monitoring and Research

1:30: *Integrated Data Collection Around the U.S.*, Mark Lynch, Xylem, Inc.

2:00 What's in a lake? An overview of cutting-edge lake survey technologies, Jessica Leroy and Richard Huizinga, U.S. Geological Survey—Central Midwest Water Science Center

3:00: Measuring stream bank storage potential of Nitrate and Chloride in relation to season precipitation, Jack Thomas Wassik, Illinois State University

3:00 - 3:30: Conference Closure and Raffle

1:30 - 5:00 PM: Workshop #1:

Rain Gardens for Homeowners

Learn about what you need to know to install a rain garden on your property. This workshop will cover intro to rainscaping, site selection & analysis, installation & maintenance, and plant selection and design! Workshop will break at 3:00 for conference closure & raffle.

Saturday March 14th, 2020

8:30 AM—12:00: Workshop #2:

Aquatic Invasive Species Identification

What *is* that thing living in my lake?! Native or exotic? Invasive or benign? A five-alarm emergency or longer term control situation? Come find out at the Aquatic Invasive Species (AIS) Identification Workshop!