



Illinois Lake Management Association Annual Conference

March 4-6th, 2024
IHotel and Illinois Conference Center
1900 S 1st Street,
Champaign, Illinois 61820

The [Illinois Lake Management Association](https://ilma-lakes.org/) is hosting its Annual Conference at the IHotel and Illinois Conference Center in Champaign, Illinois. This will be a great event and opportunity to learn about a variety of lake topics. The conference will feature over 30 experts presenting on various topics. Come take advantage of the opportunity to learn and network with people throughout the industry. Exhibitors from leading consulting firms, government agencies, and lake management groups will also be in attendance.



Conference Registration Fees:

ILMA Conference Registration Fee: \$200 (includes ILMA Membership)

HOA/Students/Presenters: \$165

*This is a special rate for current 2024 HOA Members representing their HOA **with an HOA ILMA Membership**, students, or conference presenters.*

****Early bird registration ends Feb 2nd!! After February 2nd, fees increase by \$20****

Registration includes all conference material, Tuesday Breakfast, Lunch and Dinner, Tuesday night Exhibitor Reception, and Wednesday Breakfast and Lunch.

Workshop Fees: \$30 per workshop or \$50 for both

Workshop #1: Pollutant Load Estimate Tool (PLET) Modeling Workshop - Hosted by IEPA and EPA

Workshop #2: Hedge Park Stormwater Improvement Project and Tour—Hosted by City of Champaign

Register Today: <https://ilma-lakes.org/conference-registration>

Hotel:

Make your room reservation at the IHotel and mention Illinois Lakes Management Association room block. Special room rate is \$149/night. Hotel block expires 2/2/2024 so reserve early! Book by calling 217-819-5000 and you must mention block code LAKMANCON24.



Illinois Lake Management Association 39th Annual Conference

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Key Note Speaker

Climate Change and Water Resources in Illinois Dr. Trent Ford—Illinois State Climatologist

Illinois has gotten wetter and warmer in every season over the past several decades, and these changes in our climate are likely going to continue through mid-century. The effects of our changing climate, past and future, on Illinois' water resources are many and complex. From less snow and more winter rain to higher summer evaporation rates, we'll discuss our changing climate, how it has impacted water resources in the recent past, and what is expected over the next few decades. We'll also discuss how climate change interacts with concurrent changes in water demand in the state.

Dr. Trent Ford has been the Illinois State Climatologist since 2019. Trent is an expert in climate and climate change and its interactions and impacts, especially as they relate to water. Trent leads climate monitoring and data collection and provision for the state of Illinois. He and his team provide information online, through traditional and social media, and by speaking to interested groups across the state.



A native of Roanoke, Illinois, Ford earned a bachelors in geography from Illinois State University before completing his masters and PhD at Texas A&M University. Before joining the Illinois State Water Survey, Ford was an assistant professor in the Department of Geography & Environmental Resources at Southern Illinois University in Carbondale.

Register for the 39th Annual ILMA Conference online here:

<https://ilma-lakes.org/conference-registration>



ILMA Conference: Workshops!

March 4th, 2023

Pre-Registration Required!

<https://ilma-lakes.org/conference-registration>

Pre-registration is REQUIRED for workshops as spots are limited—register when you sign up for the conference .

Workshop registration fee is \$30/each or \$50 for both <https://ilma-lakes.org/conference-registration>.

Workshop #1: Pollutant Load Estimation Tool (PLET) Workshop **Monday March 4th,, 2024: 10:00 - 12:30 PM**

Subject Matter Experts (SME)

Adrienne Donaghue, U.S. EPA,

Aaron Enteman, IEPA

Jeffrey Edstrom, IEPA

Stephen Feely, Watersheds and Wetlands Branch U.S. EPA Region 5

Managing the nutrient and sediment loads in our waterways is essential to improving water quality. The introduction of nutrients comes from many sources, both point and non-point. There is a wide variety of projects that can impact the introduction of nutrients and sediments. Often the funding for non-point source projects can be supported through grants. Water quality grants typically ask for estimates of project load reductions. The U.S. Environmental Protection Agency's Pollutant Load Estimation Tool, PLET, is a user-friendly web-based model that provides annual load reductions at the watershed or waterbody scale. The tool allows users to compute watershed surface runoff and associated loads for sediment, nitrogen, phosphorus, and 5-day biological oxygen demand (BOD5) based on various land uses and best management practices (BMPs). PLET is a simple model great for planning-level analyses such as a grant application or developing a watershed-based plan.

PLET Workshop Description

Subject matter experts from the EPA and the Illinois Environmental Protection Agency will provide participants with a comprehensive and interactive introduction to PLET. The workshop will specifically:

- explain how the Illinois Environmental Protection Agency uses PLET during Section 319 and Green Infrastructure Grant Opportunities application processes, and how PLET results are used in reporting for active 319 watershed-based planning or implementation projects
- provide an overview of the tool background and the model interface,
- demonstrate how users can quickly get a model set up following the "Quick Guide" and provide agricultural and urban project examples, and
- highlight helpful user resources

Come Prepared!

Individuals are encouraged to create an online PLET account before the workshop. Simply visit the [PLET](#) homepage and click the "Link to PLET" listed under Model Documentation. To register, users can enter their email address from their organization.

References and Resources

Home page: <https://www.epa.gov/nps/plet>

Tech Support: plet@tetrattech.com

User's Guide: https://www.epa.gov/system/files/documents/2022-04/user-guide-final-04-18-22_508.pdf

BMP Descriptions: https://www.epa.gov/system/files/documents/2023-04/BMP_Description_revised%203-9-23_final%20with%20alt%20text_508.pdf

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Workshop #2: City of Champaign Storm Water Park Workshop

Monday March 4th,, 2024: 1:30 –4:30 PM

Subject Matter Experts and Presenters

Alex Nagy - Assistant City Engineer - Public Works Department

Lacey Rains Lowe - Senior Planner

Sarah Sandquist - Executive Director Champaign Park District

Background

As the variation in weather changes resulting in drier and wetter weather cities are undertaking storm water projects to protect their communities from flooding. These projects are often in the heart of urban areas yet day to day can be an eye sore. The City of Champaign has evolved their approach to storm water projects to support them becoming a feature in the community.

City of Champaign Storm Water Parks Workshop

The City of Champaign storm water parks workshop will contrast recent projects with projects that were completed in the past. The recent projects have taken on a multifaceted approach. The projects include not only water retention they also include water quality features, natural habitat and public park amenities. This workshop will allow to understand how the projects developed from problem identification through community outreach, design, funding and implementations. The workshop will include a tour of two completed projects, Glen Park and Preservation Pond and share the design of their current Hedge Park project.

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