

# **NALMS Notes** & Lake News

*A Publication of the North American Lake Management Society*

*Spring 2022*



## **July is Lakes Appreciation Month!**

We are less than one month out from our favorite time of year: Lakes Appreciation Month! Observed annually in July, NALMS – along with our members, partners, and lake lovers across North America – uses this time to highlight the importance of lakes, reservoirs, and all freshwater resources, along with the issues they face. Lakes Appreciation Month offers an excellent opportunity to take the time to enjoy your local freshwaters and bring attention

to them – to either celebrate their values or launch an action to protect, enhance, or rejuvenate them.

NALMS has been busy gearing up for July in a number of ways, including offering a [K-12 poster contest](#) for the third year running. We were thrilled to receive nearly 80 entries, a big boost in participation from last year. Our volunteer judges are hard at work reviewing each entry, with results coming on Friday, June 17th. And be on the lookout as we launch the 2023 poster contest earlier than ever at our upcoming symposium in Minneapolis!

NALMS was also recently featured on the Lakes Education Action Drive podcast, with longtime volunteer, Steve Lundt, speaking about the origins of Lakes Appreciation Month and how this long-lasting program has made a positive impact and grown throughout the years. [Listen here!](#)

How can you celebrate? We've got you covered!

- Request a proclamation from your state or provincial government. [How?](#)
- Participate in our social media ["Show Your Lakes Appreciation" Challenge!](#) Make sure to use the hashtag #LakesAppreciation to be entered to win some awesome prizes.
- Participate in the ever-expanding [Secchi Dip-In](#) and track water quality trends on your local waterbody.
- Submit a video to our [short clip video contest](#) to increase lake appreciation!
- Renew your support for lakes by joining NALMS and/or a local lake association working on issues in your area. Check out what NALMS [affiliates](#), [nonprofit members](#), and [lake/watershed association members](#) have been up to and how they are celebrating this July.

You can find many other ideas on our program website [here](#). We'll also be updating our [online calendar](#) regularly with events from our members and partners – be sure to find one near you and get involved!



## Join Us in Minneapolis for NALMS 2022!

*Leveraging Experience to Manage Diverse Lakes,  
Landscapes and People*

42nd International Symposium of the North American Lake Management Society

---

**November 14–17, 2022 • Minneapolis, Minnesota**

---

[Sponsorship opportunities](#)

**Attendee and exhibitor registration opens soon!**



**Not a NALMS Member? It's Easy to Become One. Join Today!**

**President's Message**

As we cruise into early summer here in Colorado, Mother Nature once again reminded us she is still in charge as we had double digit snowfall totals in this past two weeks, with even more in the mountains. Sunny warmer days and the continued Stanley Cup playoffs are still ahead though! Go Avs!



I hope those of you that were able to attend the Joint Aquatic Sciences Meeting (JASM) this past May in Grand Rapids, Michigan were able to take part in and have discussions in the numerous sessions that occurred. As you know the theme was multidisciplinary subject-matter expertise to collaboratively educate one another and solve the complex environmental problems facing our society and our planet today.

The host committee for the annual symposium in Minneapolis is ramping up the planning for the annual meeting later this year. Read on to learn more about sponsorship and exhibitor opportunities for upcoming conferences. This year's theme: "Leveraging Experience to Manage Diverse Lakes, Landscapes and People." The call for abstracts is now closed, however be on the lookout for registration details soon. We are looking forward to welcoming as many of you as possible in Minneapolis, and I can't think of a better place to have a lakes conference than in the Land of 10,000 Lakes! Your NALMS Board of Directors met in Minneapolis in late April for our annual mid-term meeting and the hotel and meeting facilities are top notch.

July has been Lakes Appreciation Month for the past 24 years; to celebrate, we continue to invite elementary, middle, and high school students to submit posters reflecting on how important lakes are to all of us. Submitted artwork will be a big part of NALMS' celebrations through July across North America. The winners of this year's contest will be announced soon. Learn more about Lakes Appreciation Month at <https://www.nalms.org/lakes-appreciation-month>.

A reminder to save the date! Please join us for the 13th National Monitoring Conference April 24–28, 2023, likely in Hartford, Connecticut or Virginia

Beach, Virginia AND in a limited virtual setting. This hybrid conference provides opportunities for water stakeholders – federal, state, tribal and local water professionals, nonprofits, academia, water consultants and industry, and volunteer and community scientists – to network, develop new skills and partnerships, and exchange information. Keep an eye on <https://www.nalms.org/2023nmc/> for full details!

Lastly, Michelle and I just returned from a trip to Sweden and Iceland, where our son Brendan has spent the Spring 2022 semester as part of a study abroad program through Colorado State University. I'd like to introduce you all to the concept of Fika.

From [swedishfood.com](https://swedishfood.com) *"Fika is often translated as "a coffee and cake break", which is kind of correct, but really it is much more than that.*

*Fika is a concept, a state of mind, an attitude and an important part of Swedish culture. Many Swedes consider that it is almost essential to make time for fika every day. It means making time for friends and colleagues to share a cup of coffee (or tea) and a little something to eat.*

*Fika cannot be experienced at your desk by yourself. That would just be taking coffee and cake.*

*Fika is a ritual. Even the mighty Volvo plant stops for fika. All Swedes consider it important to make time to stop and socialise: to take a pause. It refreshes the brain and strengthens relationships. And it makes good business sense: firms have better teams and are more productive where fika is institutionalised.*

*Exactly what you eat during fika is not really important. The food is incidental to the companionship, the socialising and catching up with friends and colleagues. But whatever food you choose for fika it should be fresh and well presented. Ideally it should be homemade. Many team leaders in Sweden consider it important to regularly bake something at home to take into work for fika.*

*Often fika is enjoyed by candlelight, even if it is in an office or the corner of a factory. It's all about slowing down and finding time for friends and colleagues, whilst you sip a drink and enjoy something small to eat. Candlelight helps!*

*Make sure you are never too busy for fika. Wherever you live, give fika a try in your daily schedule. You can never be too busy for fika!"*

I think that is a concept all of us here in the US and Canada can agree upon, slowing down and finding time during the workday for friends and colleagues, whilst you sip a drink and enjoy something small to eat.

Happy Summer all! See you on the water!

Chris L. Mikolajczyk, CLM  
NALMS President





## Lake Photo Spotlight

"Clouds in the Water" by Lisa Conley

Lisa's photo was an entry in the 2021 NALMS Photo Contest. The 2022 contest will be held as part of the 2022 NALMS Symposium in Minneapolis. Look for entry information this summer on the symposium website.



## New NALMS Merch Available

Just in time for summer, we are excited to share that we have some new designs available in our [Bonfire online store](#)! A percentage of your purchase price will go back to support NALMS and our programs.

### New in the Store:

- [NALMS Mission Shirt](#) – available in multiple styles and colors
- [NALMS Protecting Lakes Mug](#) – available in two-tone and white 11 oz and large 15 oz
- [NALMS Protecting Lakes Hoodie](#) – available in crewneck and pullover styles – perfect for cool evenings on the lake!
- [NALMS Protecting Lakes Tee](#) – available in multiple styles and colors
- [NALMS Logo Women's Tank](#) – available as a slouchy tank or racerback
- [NALMS Logo Mug](#) – now available in two-tone 11 oz and large 15 oz

*Make sure to take a photo of yourself sporting your official NALMS merchandise, post to social media, and tag NALMS!*



[Shop the NALMS Bonfire Store](#)

[Shop the NALMS Bonfire Store](#)

A publication of the North American Lake Management Society  
*LAKELINE*

## Call for Articles

Below is a list of the proposed topics for upcoming issues of *LakeLine*. Please take a look, and consider submitting an article for a topic of interest. Articles are generally 2000 words or less in length, and should include photos, graphs and/or tables. Co-authors are welcome.

### **Fall 2022: Celebrating the 50th Anniversary of the Clean Water Act—**

October 18, 2022 marks the 50th anniversary of the Clean Water Act. The fall 2022 issue of *LakeLine* will highlight some of the important outcomes of this landmark act on protecting and restoring water resources across the landscape. We will highlight some special projects and collaboratives planned to commemorate the anniversary but would also like to hear from you about specific programs, projects, or partnerships that evolved as a result of the Clean Water Act over the years. Summer 2022 is also a National Lake Assessment (NLA) field season, so we hope to include some highlights from that work, as well as summaries of data or reports from the last round of NLA sampling that took place in 2017. ***We will also accept high quality digital images of field and/or laboratory work supporting the Clean Water Act initiatives. Please include a caption with any photo you submit and***

***include dates/names and some background information related to the photo.*** Articles and photos are due by September 15, 2022.

**Winter 2022: Human-Made Ponds**—Whether they were dug for animal watering holes, backyard swimming ponds, excavated out for their soil, or created for stormwater retention and treatment, small human-made ponds dot the landscape. Do you work with human-made ponds and have some data and pond management experiences to share? Please consider submitting an article related to your human-made pond experiences. Draft articles for the winter issue are due by December 15, for publication in mid-January. Articles could cover pond creation, water quality management, plant management, algal management, functional values and more.

**Spring 2023: Aquatic Invasive Species**—This issue of *LakeLine* will highlight topics related to Aquatic Invasive Species (AIS). Articles could include overviews of new or emerging species on the move, evolving management strategies, long-term management projects, the elusiveness of eradication, or even eradication achieved, if there are success stories out there to share. Articles for the spring issue are due by March 15, 2023, for publication in April 2023.

**Summer 2023: Harmful Algal Blooms**—Every other summer we like to focus on Harmful Algal Blooms (HABs), and include a range of articles highlighting new data, activities, monitoring techniques and reporting strategies, among other topics. If you are working on something now related to HABs, consider writing up your work for the summer 2023 issue of *LakeLine*. Articles for summer 2023 are due June 15, 2023, for publication in July 2023.

Please contact Amy Smagula, *LakeLine* Editor, with any questions, or to propose an article for one of the above-listed themes. Do you have a topic that doesn't match a theme? That's ok, we can include the article in any of these issues or use it to build a themed issue. Amy can be reached at [lakeline@nalms.org](mailto:lakeline@nalms.org).



### **NALMS Now Accepts Recurring Donations**

Your support allows us to strengthen our programs, and therefore, continue our important work to save lakes, reservoirs, and watersheds. In addition to a one-time donation, you can have donations charged to your credit card monthly, quarterly, semi-annually, or annually.

## **Welcome to Our 2022 Interns**

NALMS recently hired interns to help strengthen our Secchi Dip-In and JEDI programs, as well as our advocacy for a revitalized federal Clean Lakes Program. They're just getting started and we'll update you on their work as it progresses, but we've offered them the opportunity to introduce themselves:

### **Alexis Johnston – JEDI Program Intern**

My name is Alexis Johnston and I am an undergraduate student at the University of Cincinnati studying Political Science and Law. I have the pleasure of working directly with the NALMS JEDI committee as an intern. JEDI, being an acronym for Justice, Equity, Diversity, and Inclusion. In my role so far, I have done research to supplement diversity education, analyzed data that outlines the existing society demographics and opinions about diversity, and created a presentation that breaks down conflating and confusing terminology that exists within JEDI efforts. In the future I anticipate more research projects, data analysis, and outreach opportunities. My favorite part of working as a JEDI



intern is being able to use my passion for advocating for marginalized communities in my projects.

### **Sara Waters – Community-Based Science Lake Science and Monitoring Intern**

My name is Sarah Waters and I am this summer's Community-Based Lake Science and Monitoring Intern! I am a junior at Indiana University Bloomington with an interest in pursuing future graduate work in water conservation and management. Through my work this summer with NALMS, I will help promote citizen science and community engagement with lakes and water resources. I'm very excited to work with you all and contribute to NALMS's mission!



## **NALMS News**

### **NALMS Board Holds Midterm Meeting in Minneapolis**

The NALMS Board held its midterm meeting in Minneapolis, Minnesota, site of the 2022 annual symposium. 10 board members and staff members, Alyssa Anderson and Philip Forsberg, met in person for the full-day meeting while other board members participated online. This was the first in-person meeting of the board since November 2019.



---

### **Nominations for the 2022 Election Are Being Accepted at This Time!**

You could become a nominee for a position on the NALMS Board of Directors, to take a more active role in steering the direction of activities that relate to these precious resources. Experience or training in lake management is not required for a board position, and we encourage candidates with expertise in nonprofit management, leadership development, marketing, fundraising, legal issues and membership growth and development to consider running for a Board position.

Nominations are being accepted for the following Board positions: President-Elect, Region 1 Director, Region 3 Director, Region 5 Director, Region 9 Director, and Student At-large Director. **Nominations are due by August 15, 2022.** [More details are available on the NALMS website.](#)

---

### **Call for NALMS Achievement Award Nominations**

Through its annual achievement awards, NALMS recognizes the efforts of individuals, organizations, programs, and corporations who are making a notable impact in lake and reservoir management. Consider nominating a deserving individual or group for one of the following NALMS awards. The 2022 Achievement Awards will be presented at the [42nd International Symposium in Minneapolis, Minnesota](#). [Visit the website for more details and to submit your nomination.](#) **Nominations are due August 15, 2022.**

---

The 2022 NALMS Student Video Series competition is now open and will close July 31, 2022 at 5:00 pm EDT.

We are offering three contests:

1. An 8-minute video contest for students in the United States (U.S.)
2. An 8-minute video contest for students in Canada (CAN)
3. A short clip (140 seconds) contest for all



The winning videos will be used by NALMS for promoting initiatives aimed at improving lake monitoring, management, and protection.

Learn more at <https://www.nalms.org/student-video-series/>.



**Report on the Big Event: JASM 2022**



The 2022 Joint Aquatic Sciences Meeting took place from May 14–20, in Grand Rapids Michigan. JASM is organized by the 9 member organizations of the Consortium of Aquatic Science Societies (CASS), which includes NALMS.

- 3,421 registrants, with 2,463 in-person attendees, and a total of 57 countries represented
- 2,500+ abstracts presented over the course of five days

Diane Lauritsen, CASS liaison for NALMS and the JASM 2022 Program Committee Co-Chair, has [a full report on the proceedings in a new blog post on the NALMS website.](#)

## NALMS Partnerships

### **NALMS Signs onto Letters to Congress Supporting USGS Streamgauge Networks and Modernization**

In March, NALMS joined a coalition of approximately 90 organizations in urging Congress to increase funding for Federal Priority Streamgages, Cooperative Matching Funds for Streamgauge Network, and related programs within USGS to modernize the networks and data delivery. The full letters are available on the Interstate Council on Water Policy website: [Senate letter](#), [House letter](#).

---

### **Interstate Technology Regulatory Council (ITRC) Releases New Harmful Benthic Cyanobacteria Guidance**

A companion to ITRC's first Harmful Cyanobacterial Blooms Document (HCB-1), the brand-new Benthic Harmful Cyanobacteria Blooms (HCB-2) Document addresses the unique challenges presented in evaluating and communicating the public health and environmental risks of Benthic HCBs, and provides insight into contemporary best management practices for dealing with these harmful blooms. View the document at <https://hcb-2.itrcweb.org/introduction/>.



You shop. Amazon gives to NALMS.

## 13th NATIONAL MONITORING CONFERENCE



Working Together for Clean Water

April 24-28, 2023

#nwqmc



NWQ

The National Water Quality Monitoring Council will host its **13th National Monitoring Conference** during the week of April 24–28, 2023, at either Hartford, Connecticut or Virginia Beach, Virginia, final location will be released at a future date. All federal, state, tribal and local water professionals, nonprofits, academia, water consultants and industry, and volunteer scientists are welcome at this important national forum. The

conference will be offered in a hybrid format primarily in person, including a limited virtual format.

- **Call for Session Proposals is open until June 24.**
- Call for Abstracts opens in July.
- Sponsorship information will be available soon.
- Attendee and exhibitor registration opens end of 2022 / early 2023



## Conferences & Events

### **Lake Friendly Landscapes – How to Add Native Plants to Your Yard and Garden**

June 16, 2022 // Forest Lake, Minnesota

[Comfort Lake – Forest Lake Watershed District](#)

### **💧 Webinar: The Long Road from Pollution to Protection: 50 Years of the Clean Water Act**

June 18, 2022 // Online

[Maine Lakes](#)

### **Morning Paddle on Lake Lacawac**

June 18, 2022 // Lake Ariel, Pennsylvania

[Lacawac Sanctuary Field Station & Environmental Education Center](#)

### **Chautauqua Lake Association Open House & Annual Meeting**

June 20, 2022 // Chautauqua, New York

[Chautauqua Lake Association](#)

💧 **Webinar: Keeping Your Assets Above Water**

June 21, 2022 // Online

[California Lake Management Society](#)

**Adopt-A-Shoreline & Plant ID Training**

June 22, 2022 // Belgrade Lakes, Maine

[7 Lakes Alliance](#)

**2022 Paddle Battle**

June 25, 2022 // Bridgton, Maine

[Lakes Environmental Association](#)

💧 **CLRMA's Lake Appreciation Day 2022**

June 28, 2022 // Boulder, Colorado

[Colorado Lake and Reservoir Management Association \(CLRMA\)](#)

💧 **H2Ozarks 13th Annual Golf Classic**

June 30, 2022 // Branson, Missouri

[H2Ozarks](#)

**Light the Lake**

July 4, 2022 // Chautauqua, New York

[Chautauqua Lake Association](#)

💧 **Love Your Lake 2022**

July 15, 2022 // Leesport, Pennsylvania

[Pennsylvania Lake Management Society](#)

**Lake Appreciation Days at Lacawac Sanctuary**

July 16–17, 2022 // Lake Ariel, Pennsylvania

[Lacawac Sanctuary Field Station & Environmental Education Center](#)

💧 **Celebrate Lake Appreciation Month with OLA**

July 16, 2022 // Suttle Lake, Oregon

[Oregon Lakes Association](#)

💧 **FLMS 33rd Annual Technical Symposium**

August 30-September 2, 2022

[Florida Lake Management Society](#)

💧 **CALMS 37th Annual Conference**

October 13–14, 2022 // Oakland, California

[California Lake Management Society](#)

💧 **WALPA 35th Annual Conference**

October 19–21, 2022 // Richland, Washington

[Washington State Lake Protection Association](#)

💧 **42nd International Symposium of the North American Lake Management Society**

November 14–17, 2022 // Minneapolis, Minnesota

[North American Lake Management Society](#)



---

💧 = NALMS or NALMS Affiliate Event

- ***Add your event to our online calendar of events.***

## **Latest Articles from *Lake and Reservoir Management***

*NALMS Student, Professional, Life and organizational memberships include full online access to Lake and Reservoir Management articles. The articles*

*listed below have been accepted for publication in Lake and Reservoir Management but not yet published in a volume/issue.*

**Effect of alternative regional urban growth scenarios on a major urban lake**

Laura Costadone & Mark D. Sytsma // Published online: 08 Jun 2022

**Hypolimnetic oxygenation 6. Improvement in fisheries, hydropower, and drought management with costs of installation and operation in Camanche Reservoir, California, United States**

Alex J. Horne & William K. Faisst // Published online: 24 May 2022

**A Limnological Yardstick based on phosphorus limitation**

Mark V. Hoyer & Daniel E. Canfield Jr. // Published online: 16 Mar 2022

**Effectiveness monitoring of juvenile Chinook salmon restoration projects in south Lake Washington, Washington State**

Roger A. Tabor, Martin C. Liermann, Howard A. Gearns, Zachary J. Moore, Katherine D. Lynch, Keith Kurko, Julie Crittenden & Monica E. Shoemaker // Published online: 04 Mar 2022

**Assessment of the effectiveness of muck-digesting bacterial pellets**

Emily Kindervater, Maggie Oudsema, Michael C. Hassett, Charlyn G. Partridge & Alan D. Steinman // Published online: 02 Mar 2022

**Hypolimnetic oxygenation 5. Copper, zinc, iron, and manganese declines in Camanche Reservoir downstream of an abandoned mine**

Alex J. Horne & Rodney Jung // Published online: 28 Feb 2022

**Anadromy efficacy of native kokanee in Alturas Lake, Idaho**

Kendra R. Eaton & Kurt A. Tardy // Published online: 22 Feb 2022

**Identification and characterization of urban lakes across the continental United States**

Laura Costadone & Mark D. Sytsma // Published online: 17 Feb 2022





---

*Copyright © 2022 North American Lake Management Society, All rights reserved.*  
You received this email because you are a NALMS member, a former member, requested a NALMS publication, attended a NALMS symposium or the National Monitoring Conference.

**Our mailing address is:**

North American Lake Management Society  
PO Box 5443  
Madison, WI 53705

[Add us to your address book](#)

Want to change how you receive these emails?  
You can [update your preferences](#) or [unsubscribe from this list](#).

**Did someone forward this to you?** [Subscribe and get NALMS Notes in your inbox.](#)