Lake Management in an Era of Uncertainty

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For more than a year & a half, NALMS staff and volunteers along with volunteers from the California Lake Management Society have been hard at work on the 2013 Symposium, which officially opens less than 2 weeks from the publication of this issue of NALMS Notes.

The theme of this year’s symposium, “Lake Management in an Era of Uncertainty,” is especially apt as we await word from Washington, D.C. on the fate of the U.S.’ budget and debt ceiling. Some of our attendees, presenters and even host committee members are in limbo until these issues are resolved.

There is no uncertainty about the strength of our program, with or without presentations by a handful of federal employees. Being in the West, reservoir management will be a big topic of discussion, as you would expect, but we will also focus on issues that have become common in lakes and reservoirs across North America and areas of intense interest of many NALMS members. Presentations on cyanobacteria will be featured throughout the symposium, including a day-long track on Wednesday. Similarly, Dreissenids will be a hot topic of discussion throughout the week. We will, of course, talk about other topics including fish, nutrient management, mercury in lakes, stormwater management and climate change, just to name a few.

Conferences provide more than just the opportunity to learn about specific topics during technical sessions. Connecting with other attendees can be just as informative. Aside from the usual assortment of lunches and breaks during the conference, attendees will have the chance to speak with our exhibitors and poster presenters during a special reception on Wednesday evening. On Thursday evening, we will offer our attendees a change of scenery at our annual reception and banquet, held this year at the Birch Aquarium at Scripps Institution of Oceanography.

We look forward to seeing you in San Diego!
It is that time of year again – various groups are working hard to ensure the success of the International Symposium in San Diego on October 30 to November 1. Please attend the Annual Membership Meeting at 5:00-6:00 pm, October 30, where we must vote on new Bylaws required for the incorporation of NALMS in Wisconsin. Remember, we need quorum to do this! In preparation, you can review the new Bylaws and minutes from the last Membership Meeting in the Members Only section of the NALMS website.

I’d like to thank those who have generously donated $760 to the G. Dennis Cooke Symposium Fund over the past month. This fund will be used to support themed sessions and plenary speakers at future International Symposia. We are only $440 away from our $5,000 goal. If we reach this goal by the symposium in San Diego, Dennis Cooke will provide a matching donation. Please consider a donation in support of this fund.

Lastly, I’d like to again ask you to consider supporting students by donating an item to the 2013 Silent Auction. The proceeds of the silent auction go to support student attendance and travel to the International Symposium. For more information or to set up a donation you may contact the NALMS office at 608-233-2836, or by email at garenz@nalms.org. NALMS students are a big part of the future of lake management, and your support will greatly help their career development.

See you in San Diego!

**Cooke Symposium Fund Matching Grant**

We’re almost there with just $440 dollars to go before we meet the requirements of the challenge Denny Cooke made to NALMS members in 2012. Denny provided a substantial gift to NALMS to establish the G. Dennis Cooke Symposium Fund in support of themed sessions and plenary speakers at our annual Symposia. At the time of his gift, Denny also offered to contribute an additional $5,000 to match donations made by NALMS members. This challenge expires at our upcoming Symposium in San Diego. Throughout the past year, many NALMS members have made generous donations, but we still have a little ways to go before we reach our $5,000 goal. Please consider making a donation today. You can donate on our website at http://tinyurl.com/qzm36dw when you renew your membership, or you may call your donation into the office at 608.233.2836.
As September ended, NALMS membership totals reached new heights with 1,018 total members! However a number of memberships lapsed as we moved into October and with this in mind I’ve kicked our member reinstatement efforts into high gear. I’ve provided a list of these members to our regional directors so they can get in touch with them, encourage them to renew, and determine if there are any roadblocks in the way of re-upping with NALMS. I will also continue to send renewal and membership benefit reminders periodically to these recently lapsed members.

In addition to these efforts, I recently sent out early renewal reminders to members whose memberships will expire on December 31, 2013. Along with these reminders I’ve included a letter highlighting the role your membership has played in NALMS’ efforts throughout the past year as well as an update on some of our initiatives for the upcoming year.

If your membership has recently expired, please be sure to renew soon in order to avoid any disruption in your member benefits and publications. And if your membership is coming due on December 31st, please consider renewing early. You can do so on the NALMS website, or you may fill out a Membership Registration Form and send it to our office. You may also renew when you register for the Symposium (note: online registration closes on 10/18 – hurry!).

Before I close, I’d like to call your attention to an opportunity to enhance your impact on the quality of lakes and reservoirs and help improve the status of persons engaged in aspects of managing lakes and their watersheds. As the end of the year draws closer many of you may consider making a donation to a worthy cause. NALMS knows that you have many options to choose from, but we hope that you will consider making a contribution to one of our worthy funds. Our Lake Givers Club offers you an excellent opportunity to boost the impact of NALMS programs and publications. A donation to the Eberhardt Memorial Student Fund is a great way to make a positive difference for our student members. And a gift to the G. Dennis Cooke Symposium Fund will provide a boost to the quality sessions at our yearly Symposium. All of these funds will help NALMS achieve our mission, expand upon our programs, and develop new lake management champions. You can learn more or make a donation on our website at http://tinyurl.com/qzm36dw.

We’re down to the wire. In a little more than a week, I will be on a plane heading to San Diego. Unfortunately, there’s much to do before I get on that flight.

The program is being printed, but as is always the case, there have been a number of changes to the program since we locked it down for printing and there may be quite a few more depending on what happens in Washington. All of these changes are being compiled for the program addendum.

Meanwhile, we’re busy printing and organizing name badges, event tickets and ribbons, ribbons, ribbons.

I’m working on room signs for each of the sessions and once online registration closes, I’ll spend the weekend putting together the attendee list so that it’s ready to go to the printer on Monday morning.

Our exhibit booth was shipped out last week, but all of our supplies for the registration desk need to be organized, double-checked to make sure we didn’t forget anything and shipped to California. Do we have time cards for the sessions? Do our laser pointers need new batteries?

We’ll have one last conference call with the host committee to make sure that everything has been taken care of.

We’re also finalizing the budget for 2014 and wrapping up the just concluded elections as well as other tasks to get ready for the Board of Directors’ Meeting and the Annual Membership Meeting.

We need to make one last bank deposit and remember to change the voicemail message before we shut down the office for 2 weeks.

Did I forget anything? Oh, yeah. I have to find time to do my laundry before I leave town.

See you in San Diego!
NALMS 33rd Annual Symposium

Information

October 30 - November 1, 2013
San Diego, California
Lake Management in an Era of Uncertainty

Important Dates

October 18, 2013
Regular registration ends

Contact Information

Todd Tietjen, Symposium Co-Chair
todd.tietjen@snwa.com

Imad Hannoun, Symposium Co-Chair
hannoun@wqsinc.com

Bill Taylor, Program Chair
lakefixer@yahoo.com

Jeff Pasek, Local Arrangements Chair
JPasek@sandiego.gov

Jeff Schloss, NALMS Conference Advisory Chair
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Greg Arenz, Sponsor Support
garenz@nalms.org

Philip Forsberg, Registration & Exhibitor Support
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NALMS 2013 Symposium Golf Tournament

“It's alive, this swing, a living sculpture!” – Tin Cup. Not to worry if your swing isn’t a living sculpture; whether you’re a duffer or a pro the NALMS 2013 Golf Tournament is sure to be a good time.

When: October 28 - 1, 2013


Club rentals available: Yes

Discount: Town and Country has an agreement with the golf course to provide both discounted green fees and optimal tee-times.

Entry fee: No

Community: We’ve set up a forum on the NALMS facebook page to help you can keep up with any updates and connect with other participants.

How to participate: those interested in participating will work an 18-hole round of golf at the Riverwalk into their time in San Diego. Men will play from the White tees, women from the Red tees. There is no entry fee; players will be responsible for their green fees. Each player that wants to participate will record their scores on a Riverwalk score card as individual stroke play. You can arrive early, play at some point during conference week or stay after and play through the weekend.

Scoring: All participants will report their score (email scorecard image, text image etc.) to tmcnabb@aquatechnex.com by Sunday November 3rd (after meeting).

Award: We will award a $500 certificate from Edwin Watts Golf, a national chain that supplies all things golf related to the low score winner. Those that have a USGA handicap can also qualify for a $250 certificate from Edwin Watts Golf for lowest handicap adjusted score. You will have to forward a copy of your handicap with your score to be considered for this award. www.edwinwattsgolf.com is the web site to view or use your award or you can find one of their stores in many parts of the US. We will then send the certificates to the winners and report the results in the following NALMS notes issue.
**NALMS Student Luncheon**

Meet your fellow NALMS Students! Please join us for a luncheon on Wednesday during the NALMS Symposium. Grab your lunch and head over to Terrace Salon Two where you can enjoy some low-key networking and get to know other students and professionals. If you are part of a Student-Mentor pair in the NALMS Mentorship Program we especially invite you to attend the Luncheon with your mentor or mentee. If you are interested in becoming involved in the Mentorship Program you should also come by and meet the NALMS Students. See you all there!

**Please Consider Donating to the Student Silent Auction!**

The students of NALMS could really use your support! We are gathering donations for the Silent Auction, which will take place on Wednesday and Thursday during the Symposium. Any donated items are appreciated – books, gift baskets, bottles of wine, gear, supplies – anything! Items will go to the highest bidder in this silent auction and proceeds will go to the Eberhardt Memorial Student Fund, which will help to support student travel for the 2014 Symposium. Many students have already benefited from these travel funds. We hope to continue supporting new student members with your help.

Thank you for the generosity of those of you who have already donated! If you would like to donate an item, or if you have any questions please email Lindsey at lwitthaus@gmail.com. Thanks again for supporting NALMS Students!

**Donate to the Eberhardt Memorial Student Fund**

NALMS founded the Eberhardt Memorial Student Fund to honor the lives of Tom and Elinor Eberhardt, proud supporters of NALMS and good friends to all of us in the NALMS family.

The Eberhardt Memorial Student Fund supports travel grants for student presenters to attend the Annual Symposium. Awards may cover the costs of registration fees, travel, and/or overnight accommodations. This year, seven students will receive travel assistance to attend the San Diego Symposium through the Eberhardt fund.

We depend on donations and proceeds from the annual silent auction to fund each year’s travel grants. Please help support next year’s applicants by donating directly to the Fund or by donating an item for the silent auction. Visit the NALMS website to donate to the fund or contact Lindsey Witthaus (lwitthaus@gmail.com) to make a silent auction donation.

**Call For Papers, Virginia Water Conference**

It’s time to prepare for the VLWA Conference. The conference will again be held at the DoubleTree by Hilton Hotel, Richmond-Midlothian in Richmond, Virginia, March 10th and 11th

If you would like to present your work to a diverse mixture of people, here is the opportunity. Working with the Virginia Floodplain Management Association (VFMA), the Association addresses lakes and watersheds, engineering and life sciences, facilities, maintenance, public works, consulting, academic research, and administration. They serve a variety of people all working to improve Virginia’s lakes and watersheds.

Presentations are selected based on abstract summaries of up to one page which will be published in the conference proceedings. Appropriate topics include research and practical applications in stormwater management, watershed management, floodplain management, hydrology, hydraulics, limnology, water quality, biology/ecology, total maximum daily loads, dam safety, dam and lake maintenance, and related water subjects.

The deadline for abstract submission is October 30th, 2013.
New York Boaters Have to Take an 8-Hour Safety Course
September 30, 2013

Starting next May, motor-boaters will have to complete an eight-hour boat safety course and get a certificate to operate on New York waterways.

Gov. Andrew Cuomo signed the boat safety legislation into law recently. It will be phased in over several years, applying initially to anyone 18 or younger and eventually to all boaters. First-time violators could get a fine of $100 to $250.

The new law was proposed in the aftermath of fatal boating accidents last year on Long Island and upstate. In the Long Island accident, three children drowned when a cabin cruiser capsized following a July 4th fireworks display. In the other accident, a father and two sons died on Oneida Lake when a boat’s driver was distracted by fireworks and hit a channel marker.

Residents Divided Over Shoreline Protection Plan
October 3, 2013
http://www.wcax.com/story/23606632/residents-divided-over-shoreline-protection-plan

The public still has questions about the proposed Lake Shoreland Protection Commission bill.

The commission was established by the Vermont legislature this year. The bill focuses on cleaner lakes and ponds and implements new regulations to better the quality of state waters.

“We learned that Vermont shoreland condition is substantially less good than our other New England states. So we feel we’re behind on this issue,” explained Susan Warren with the Department of Environmental Conservation.

The bill isn’t set in stone but focuses on different standards for re-developed or expanded properties, currently undeveloped shores where natural vegetation is and existing small lots.

The bill has already passed through the house but was held off from review from the Senate. The committee wanted to take time to hammer out all the details with the public. And

Can You Explain It? Underwater Crop Circles?
October 3, 2013

How are these ornamental sand formations being created on the seafloor by Japan?

These beautiful patterns were first discovered in 1995. Just recently, how these formations were made was discovered. To find out how, go to www.nbcnews.com/science/mysterious-underwater-circles-created-5-inch-fish-seeking-love-8C11329858.

while some community members and property owners are in favor, others are seeing red flags.

Legislators plan to have the bill reviewed by the Senate in January of 2014. In the meantime, legislators say they want feedback from the public until a decision is made in January

Flooding in Colorado
September 23, 2013

Colorado is undertaking the largest emergency dam inspection program in state history, seeking to check 200 dams in 10 days, mostly along the South Platte River and its tributaries.

All of Colorado’s high-hazard dams, which likely would kill people if they fail, withstood the recent record rainfall. But nine low-risk dams have breached, and an uncounted number of small ponds overflowed, contributing to the flood. Twenty other dams can be reached only by helicopter because roads below them washed out.

At least 55 engineers have offered to help the state dam safety branch with the inspections, and the agency has called all of its engineers in western Colorado to Denver.
**Good or Bad for the Lake – You Decide**

Many times, we read or hear a quick news item about a lake related topic. As a well-educated lake expert and member of NALMS, you should question these situations and ask if it makes sense or would you make the same choices. It is your job as a NALMS member to determine whether or not the next lake-related news item is “Good” or “Bad” or what you would have done.

The lake-related topic this time is about the government shutdown and what it means to our lakes and reservoirs. This time, think about this situation more from the lake’s perspective, not the human perspective.

The shutdown has forced the closed sign to go up at all 401 national parks around the country, including Lake Mead National Recreation Area. The fifth most visited park in the country. The park service has signs up to inform visitors that the visitor center, marinas, trails, and launch ramps are all closed.

According to the park service, about 450,000 people usually visit Lake Mead in October. They bring about $17 million to the local economy just in that one month alone.

Even the Lake Mead Cruises that operate seven days a week and take more than 200 customers a day are closed to the public. Along with the visitors, about 170 Lake Mead employees have been furloughed.

Is the government shutdown good or bad for Lake Mead? Remember to ask this question from both perspectives, the lake and the lake user. Is Lake Mead under less stress with almost half of a million people not recreating on it? With less staff, is the lake more vulnerable? I am sure no water quality data is being collected.

**N. Idaho Lake’s New Island Fights Water Pollution**

September 27, 2013

A Hayden Lake homeowners association installed a floating wetland next to its community dock recently, with the goal of improving water quality in one of the lake's murky bays. Water sedges, monkey flowers, and nutrient-loving grasses sprouted from two rafts constructed from spongy, plastic membranes. As the plants grow, their roots will form a thick mat that sucks phosphorus out of the bay.

KEA (Kootenai Environmental Alliance) is looking for ways to improve water quality in the lake, which has exceeded federal water quality limits for phosphorus since the late 1990s. Adrienne Cronebaugh, KEA’s executive director, said the floating wetlands could be a partial solution to the problem of excess nutrients in the lake, which has been affected by rapid residential development as well as past logging and farming.

KEA used grant money to purchase the two floating wetlands, each about 70 square feet. The wetlands are made by Floating Island International, a Montana company that sells them for about $30 per square foot. KEA piloted the floating wetland concept two years ago on a 1-acre private pond in the Hayden Lake watershed. North Idaho College students tracked water quality in the pond, documenting decreases in phosphorus levels and coliform bacteria. The pond’s pH also improved after the floating wetlands were installed, with the water becoming less acidic.

When the organization was ready to launch the wetlands in the lake, it chose McLeans Bay for the demonstration site. The bay’s water quality will be tracked for five years to evaluate the floating wetlands’ effectiveness.

**Global Water Center Officially Open**

The Global Water Center (GWC), located at 247 Freshwater Way, Milwaukee, WI, officially opened its doors on September 12, 2013 with over 700 guests in attendance at Innovation Flows! The 98,000 square foot, seven-story building is currently at 70% occupancy. GWC tenants receive access to world-class facilities, including a state-of-the-art water flow test stand, conference room with international video conferencing capabilities, 44-person lecture hall and unlimited opportunities to converse with water-minded professionals. If you are interested in leasing space in the GWC, please contact Tyler Hawley (414) 412-5379. The GWC overlooks Reed Street Yards (RSY), where construction is currently underway. RSY will be a build-to-suit global water technology business park and micro water utility. For more information, please visit www.watertechnologypark.com.
Lake Photo of the Month

*Moraine Lake by Diego Lapetina*

To be considered for NALMS' Lake Photo of the Month please submit your photo to the North American Lake Management Society (NALMS) Flickr Group. Photos should focus on the lake and be geotagged or include the name or location of the lake in the title, description or tags of the photo.

Welcome New Members!

Jamie Brunner  
Dennis DeVries  
Greg Even  
Kayleen Hart  
Don Heilman  
Shell Howard  
Jeremy Jenkins  
Elizabeth Katt-Reinders  
Linda Prendergast  
James Tye  
Xuan Wang  
Faith Zenker

Thank You to Our Renewing Members!

A.W. Research Laboratories  
Lawrence Battoe  
Karen Bray  
Central Arkansas Water  
Chautauqua Watershed Conservancy  
Melissa Clark  
Stephen Dent  
Theo Dreher  
Sergio Duarte  
Shelly Frie  
Brian Friedmann  
Paul Garrison  
Cathrene Glick  
Bob Hartzel  
H. Kenneth Hudnell  
Henning Jensen  
Tammy Karst-Riddoch  
Christopher Knud-Hansen  
Larry Kvar  
Katharine McMillan  
Andrew McNaught  
Margaret Modley  
Jessica Rice  
Deborah Sinclair  
Scott Taylor  
Erica Tietjen  
Steven Watters  
Laura Young

Update Your Contact Information:

NALMS members can now go online to correct their own contact information and are encouraged to do so. Please tell your friends and colleagues who are NALMS members to check and update their records. If they are not getting *LakeLine, Lake and Reservoir Management* or NALMS Notes something is wrong. If they don’t have access to fix their own contact info, they can call the NALMS office at 608.233.2836 or email Greg Arenz at (garenz@nalms.org) to make changes. This goes for postal service mail as well.