

2012 NALMS Notes



March 2012

President's Message

This is the time of year when I start to get a little tired of winter, and start thinking about the coming summer, including my annual Atlantic salmon fishing trip to the beautiful Miramichi River in New Brunswick (pictured). Although I am an avid skier and generally enjoy the snow, I start to tie salmon flies, and dream about upcoming trips to the mountains.



The Southwest Miramichi River in New Brunswick, Canada

One other thing that happens every spring is that NALMS will call for nominations for the 2012 elections. If you have ever considered serving on the board, or as an officer on the executive committee (nominations will be accepted for Secretary and President-elect), this would be an excellent year to give it a try. NALMS is financially stable, and with no big emergencies to divert attention, the board has been able to accomplish a lot in recent years. Experience or training in lake management is not required for a board position, and candidates with expertise in nonprofit management, leadership development, marketing, fundraising, legal issues and membership growth and development are encouraged to run. Other details on nominations for board positions will be provided in LakeLine and an email to the membership later in the spring.

Please watch for the call for nominations, and submit nominations to Philip Forsberg (forsberg@nalms.org). Philip will also answer any questions about board positions and the nomination process. Nominations are due no later than August 7, 2012 and must be made in writing.

Even if you've never done anything like this before, please consider serving on the NALMS board. I've enjoyed my time on the executive committee, and am glad I agreed when Mark Hoyer called a few years ago.

Al Sosiak
President - NALMS
Al.Sosiak@telus.net

WITHIN NALMS

Membership in Motion

Ah March, when the spring equinox brings renewal and the return of green. And the green of course always brings out the Irish in me for St. Patty's day. An old Gaelic maxim I came across once translates to say that "two people shorten the road" or, rather, it's easier when you have help along the way. With this in mind I'd like to say I appreciate all the hard work and support of NALMS executive, board of directors, volunteers and members. I'm new to this lake management journey but it sure is nice to share it with all of you!



Well, NALMS' March 2012 renewal period is well underway and I've been busy processing new memberships and membership renewals. Early renewal reminders were sent out via email in late February followed by paper invoices in early March. If your membership is expiring this month and you haven't yet received your invoice please let me know at 608.233.2836 and I will send one off to you.

NALMS is currently made up of 946 total members with 123 members still up for renewal. So far 42 members have renewed their membership and NALMS has also gained # new members. If your membership expires on March 31st please consider renewing today either [online](#) or via our [mail-in application](#). And if you know of an individual or organization that might be interested in becoming a member of NALMS, please contact me, and I will introduce them to the NALMS website and a [sample of our LakeLine publication](#).

Here's a big thank you to all the following folks who either renewed their membership or joined the NALMS community since our last newsletter:

New NALMS Individual Members: Michael Brown, Maureen Ferry, Molly Hunt, John Moore, Chi Ho Sham

Renewing NALMS Individual Members: Robert Anderson, Kenneth Cannon, John Clayton, Steven Danzer, Thomas Davis, Stephen Dent, Wendy Dunaway, Pat Feehan, Martin Firth, David Glaser, Andrew Gould, Lisa Harlan, Dan Heller, Alan Heyvaert, Curtis Hickman, James Johnson, Seth Jones, Kristen Kavanagh, Heather Kibbey, Edward Kubersky, Fred Matthaei, Edward Molesky Jr., Marianne Moore, Steven Patterson, James Saunders, Nancy Serediak, Al Shaw, Peter Thompson Jr., Dale Toetz, Carl Ullman, Jordy Veit, James Vennie, Lisa Wallender

Renewing Affiliate Members: [North Carolina Lake Management Society](#), [Pennsylvania Lake Management Society](#)

Renewing Corporate Members: [Alabama Power Company](#), [Sepro Corporation](#), [YSI Inc.](#)

Renewing Non-Profit Members: [Federation of Ontario Cottagers' Associations](#), [Normanoch Association Inc.](#), [Rideau Valley Conservation Authority](#), [Woodridge Lake Property Owners Association](#),

New Libraries: [Central and Arctic Region Library](#)

And finally I want to again highlight a NALMS Membership Benefit available through the NALMS/Taylor & Francis partnership, which brings many of you the *Lakes and Reservoir Management Journal*. Through this partnership NALMS is able to offer all individual Professional, Lake Leader, Student and Emeritus members an additional gratis journal subscription each year!

NALMS members can choose from one of the following publications for free:

[Aquatic Ecosystem Health and Management](#)
[Coastal Management](#)
[Critical Reviews in Environmental Science and Technology](#)
[European Journal of Phycology](#)
[International Journal of Environmental Studies](#)
[International Journal of Water Resources Development](#)
[Journal of Environmental Policy and Planning](#)
[Journal of Land Use Science](#)
[Reviews in Fisheries Science](#)
[Society and Natural Resources](#)

To take advantage of this offer, NALMS individual members should email me at garenz@nalms.org with the title of the journal they are interested in and a current email address where Taylor & Francis can send an access code.

Please, don't hesitate to take advantage of [all your membership benefits](#)! And as always, if you have any questions or concerns about your membership, please contact me at 608-233-2836.

Greg Arenz
Membership Services Coordinator
garenz@nalms.org

NALMS Office Notes

A little snow one day, 50° the next. The Cubs are played their first spring training game and Canoeecopia (<http://www.canoecopia.com/>) just took place last weekend. These are some of the unmistakable signs of spring around here. Being an even-numbered year, another sign of spring is the biennial [National Monitoring Conference](#). This year's conference will be held in Portland,



Oregon April 30 – May 4. This is the 3rd time that NALMS has helped organize this conference sponsored by the National Water Quality Monitoring Council and each time we do, it gets a little bigger. The early registration deadline was March 2 and we're already approaching our final attendance for the 2006 conference in San Jose and we're on pace to cruise past our attendance of 950 at the 2010 conference in Denver. Last week alone, we went from approximately 350 registrants to more than 800. More attendees are a good thing, of course, but those extra people also present some challenges. We were anticipating a lower attendance this year due to widespread travel restrictions and tight budgets for conference attendance. As we watched our hotel block fill up, we quickly realized that somehow those assumptions weren't going to apply to this conference. We've now blocked space in 2 additional hotels and are contemplating contracting for larger meeting room space in the convention center to accommodate the additional attendees.

While we've been dealing with the crush of registrations for the National Monitoring Conference, we've also been working on planning for the 2012 NALMS Symposium here in Madison, Wisconsin (November 7 – 9). By now you should have received [a copy of the Call for Papers brochure](#) in your mailbox. Abstracts are due by June 1. While we're not expecting 1,000 or so attendees like we are in Portland, this will be a big conference with, as we've come to expect from Madison symposia, a stellar program. [Submit your abstract here](#) and keep an eye on the NALMS website for details as they become available.

Philip Forsberg
Program Manager

NALMS Government Affairs Committee Update

The Harmful Algal Blooms and Hypoxia Research and Control Amendments Act of 2011

Bills to reauthorize and amend the 1998 Harmful Algal Blooms and Hypoxia Research and Control Act, named the **Harmful Algal Blooms and Hypoxia Research and Control Amendments Act of 2011**, have been working their way through the U.S. House of Representatives and Senate. In the House, [H.R.2484](#) has been discharged from the Committee on Natural Resources and placed on the Union Calendar, Calendar No. 271. In the Senate, it has been assigned to the Committee on Commerce, Science, and Transportation.

Major features of the bills include: 1) establish an Inter-Agency Task Force on Harmful Algal Blooms and Hypoxia; 2) develop a national strategy to address marine and freshwater harmful algal bloom and hypoxia events; 3) promote implementation activities; 4) maintain a focus on technology research and development for each of the categories of marine harmful algal blooms, freshwater harmful algal blooms, and hypoxia in monitoring, predicting, preventing, controlling, mitigating, and responding to events; 5) expand the existing electronic clearinghouse to provide information about such harmful algal blooms and hypoxia; 6) develop a mechanism to provide a reliable and cost-effective supply of toxin standards for comparative research; 7) directs the Mississippi River/Gulf of Mexico Watershed Nutrient Task Force to submit an updated assessment and revised action plan; and direct preparation of a plan for reducing, mitigating, and controlling hypoxia in the Chesapeake Bay. The bills authorize \$18 million per year from fiscal year 2012 through fiscal year 2015 to the Department of Commerce and \$2.7 million per year to EPA. [NALMS Position Statement 8, Toxic Cyanobacterial Blooms](#), supports government actions consistent with those

proposed in these bills. In addition, NALMS is concerned about nonpoint source pollution and its effects, including those in the Chesapeake Bay and Gulf of Mexico.

NALMS members are encouraged to [contact their Representatives](#) to offer support for the bill and request a vote by the Committee of the Whole House.

Steve Colvin
NALMS Government Affairs Committee Chair

[Read more NALMS position statements here](#)

UPCOMING CONFERENCES & EVENTS

32nd International Symposium of the North American Lake Management Society

[Call for Abstracts](#) (June 1) and Special Sessions (extended to April 15).

Lakes in the Landscape: Values > Visions > Actions

In these tough economic times, the value we place on our natural resources, including lakes, becomes more important than ever. These values are brought into focus by our vision for lakes, essentially what we want as an outcome of successful management. Finally, turning these visions into actions requires partnerships, good science, and perseverance! Because lakes respond to stressors at a variety of scales, NALMS 2012 will emphasize the science of lakes in the landscape, ranging from in-lake to watershed to global, as well as approaches that facilitate lake management... from satellites to surveys to shorelines.

The program committee is excited to bring NALMS back to Madison and the Yahara Lakes, building on the successes of two previous symposia in 2001 and 2005. As before, we will begin each day with a set of plenary talks that relate to the theme and serve as an introduction to special sessions: Lake Values and Ecosystem Services, Landscape Limnology, Adapting to Climate Change. We are excited to have Dr. Steve Carpenter, director of the University of Wisconsin Center for Limnology and [2011 recipient of the Stockholm Water Prize](#) as our keynote speaker to open the symposium. We will also celebrate 20 years of the [Wisconsin Lakes Partnership](#), a unique collaboration between government (Wisconsin Department of Natural Resources), education (University of Wisconsin Extension), and nonprofit advocacy (Wisconsin Lakes) institutions to protect and restore lakes in Wisconsin, and look to the next 20 years.

Finally, the 2012 Madison conference will again feature a special session on the Yahara River watershed and its more than 22,000 acres of lakes and streams that are so important to the region's economy and quality of life. This Friday session, "Yahara Lakes: Implementing a Vision," open to all conference attendees and Madison area residents, will consist of presentations by local scientists, managers and conservation groups on successes and challenges of implementing the water quality improvement strategies that emerged from the 2005 conference.

Important Dates:

April 15, 2012 - Special Sessions

Contact program committee co-chairs with ideas for special sessions:

tim.asplund@wi.gov

jennifer.hauxwell@wi.gov

June 1, 2012 - Abstracts due.

August 24, 2012 - Registration and payment from presenters of accepted abstracts due.

October 6, 2012 - Last day conference hotel rate available.

Preliminary Session Topics

We encourage submission of papers or posters on any of the topics below. If you are interested in developing a special session consisting of at least 4 presentations, or 3 presentations and a panel discussion, please contact the program committee co-chairs no later than April 15 to ensure that there is adequate space on the program. Abstracts are due by June 1, 2012.

Special Session Topics

- Lake Value\$ and Ecosystem Services
- Adapting to a Changing Climate
- New Technologies for Lake Monitoring
- Great Lakes Restoration Initiative
- Lakes on the Shield
- Landscape Limnology
- Aquatic Invasive Species Investigations
- Harmful Algal Blooms
- Wisconsin Lakes Partnership at 20
- Yahara Lakes: Implementing a Vision

Plus Contributed Sessions:

- Nutrient Criteria
- National and Regional Lake Assessment
- Macrophyte Ecology and Management
- Lake Management Techniques and Case Studies
- TMDL Development for Lakes and Reservoirs
- Water Level Management and Drawdowns for Lake Restoration
- Paleolimnology
- Shoreland Habitat Assessment and Restoration Techniques
- Remote Sensing
- Reservoir Ecology and Modeling
- Shallow Lake Ecology and Management
- Fish Habitat Improvement in Glacial Lakes
- Spirituality and Aesthetics of Lakes
- Citizen Science and Monitoring

For more information: <http://www.nalms.org/media.acux/017d2565-ac64-401d-b0c4-ca02d21aabb3>

2012 Aquatic Weed Control Short Course!

Mark your calendar and plan to take part in the 2012 Aquatic Weed Short Course to be held May 7-10, 2012 at the Coral Springs Marriott Hotel, Golf Club, and Convention Center in Coral Springs, FL.

To register for the webinar or learn more, visit www.conference.ifas.ufl.edu/aw today!

Call for Posters SE Lake & Watershed Conference Extended

There is still time to submit your poster for the 21st Annual Southeastern Lake and Watershed Management Conference – Ripple Effect: Balancing the Needs of Water Resources for a Sustainable Future.

This is an excellent opportunity to exchange information and technology related to assessment, protection, restoration, management, monitoring as well as to network with others and learn new skills at workshops and sessions.

Posters are due April 10, 2012. Student papers and posters will be judged for best presentation (cash award).



Learn more at <http://science.kennesaw.edu/~jdirnber/SELM%202012/Conference.html>

LAKE NEWS & INFORMATION

Message from William W. Jones; Editor, LakeLine

Yes, it seems too early to be thinking ahead to summer but as all editors know, we have to be thinking 3 or more months ahead. I want to encourage ALL the NALMS Affiliates to submit information/news for the summer LakeLine magazine, the theme of which is “Lake Safety.” Many Affiliates are most active during the summer months and we want you to share your news with all of the NALMS members. Tell us about any workshops you plan to host, annual meetings, what you plan to do for Lakes Appreciation Month (July), etc. Of course we encourage you to include high-resolution photos of your Affiliate members in action as well.

The submission deadline for the summer issue is April 1. This is a FIRM DEADLINE as my wife and I will be leaving for Italy on a one-month retirement trip April 17 so I need to read through and edit all of your submissions before we leave. We expect the summer issue to be printed and mailed in mid-June.

Let me know if you have any questions. I look forward to hearing from each and every one of you.

William W. Jones; Editor, LakeLine; 812-855-4556
Clinical Professor Emeritus - School of Public & Environmental Affairs; Indiana University
Bloomington, IN

Lake Powell Fish Report: Spring Fishing Begins

Modified: Thursday, Mar 8th, 2012

BY: Wayne Gustaveson

Source: Lake Powell Chronicle

The water is cold and fish are fussy, but some really nice stripers, walleye and bass are being caught. The first fish of spring are fat and healthy. It looks like game fish have wintered well and show signs of producing a bumper crop of trophy individuals in March and April...

http://www.lakepowellchronicle.com/v2_news_articles.php?heading=0&page=73&story_id=3060

Some Lakes Bouncing Back From Acid Rain

Brook trout once again live in Brook Trout Lake, and the brookies of nearby Honnedaga Lake can now safely leave their tributary streams and swim the lake itself.

The federal law enacted in 1990 to reduce the power plant emissions that cause acid rain has been a success. By 2009, emissions of both sulfur dioxide and nitrogen oxides were two-thirds lower than in the early 1990s, according to a report submitted to Congress in December by Douglas A. Burns of the U.S. Geological Survey office in Troy...

<http://www.utilityproducts.com/news/2012/03/01/some-lakes-bouncing-back-from-acid-rain.html>

Walker Signs Contentious Wetlands Development Bill

TODD RICHMOND, Associated Press, Posted: Wednesday, February 29, 2012 4:36 pm

Source: Wisconsin State Journal

Gov. Scott Walker signed a contentious bill Wednesday that helps developers win wetland construction permits, achieving one of Republican lawmakers' key goals for this legislative session.

Walker signed the measure to a standing ovation at a Wisconsin Realtors Association meeting in Madison. The governor said the bill balances economic growth and wetland preservation.

"The two can go hand-in-hand," Walker said.

A host of Wisconsin business groups, including the realtors association and Wisconsin Manufacturers and Commerce, pushed hard for the new law, saying it would boost expansion and job creation efforts. Environmentalists countered that the state stands to lose untold acres of wetlands, which would destroy fragile ecosystems and open the door to widespread flooding.

"Allowing more people to build in wetlands today creates more flood victims and disaster costs tomorrow," Rep. Brett Hulsey, D-Madison, said in a statement. "The reason they call them wetlands is because they are wet..."

http://host.madison.com/wsj/news/local/govt-and-politics/walker-signs-contentious-wetlands-development-bill/article_00a2a118-6326-11e1-b7da-0019bb2963f4.html

Groups Rip EPA's Ballast Water Proposal

By Larry Bivins, Gannett Washington Bureau; Updated 2/22/2012 12:47 PM

Source: USA Today News

WASHINGTON – Conservation groups on Tuesday ripped a federal proposal to further shield the Great Lakes from the invasion of non-native species, such as zebra mussels and Asian carp.

The groups said the Environmental Protection Agency's draft vessel general permit to regulate ballast water discharges from commercial ships is far too weak and falls short of the agency's obligation under the Clean Water Act.

"The EPA's new proposed permit isn't tough enough to prevent the next harmful invader from slipping into our waters," Thom Cmar, an attorney with the Natural Resources Defense Council, told reporters.

Cmar said EPA was failing to take advantage of Clean Water Act tools "to finally slam the door on invasive species stowing away in vessels' ballast tanks."...

<http://www.usatoday.com/news/nation/environment/story/2012-02-21/epa-ballast-water-great-lakes/53197446/1>

U.S. to Spend \$50M to Fight Invasive Species

Written by Gannett News Service 1:24 AM, Feb. 26, 2012

Source: Battle Creek Enquirer

The federal government expects to spend a little more than \$50 million in the coming year fighting invasive Asian carp, including sampling the Detroit River, Saginaw Bay, western Lake Erie and southern Lake Michigan for any sign of the fish's DNA, officials said Thursday.

There is no evidence that the fish are in those lakes or bays, but scientists want to make sure because those are areas where the fish probably could get enough food to eat, survive and thrive, federal officials said Thursday.

If Congress approves the latest budgets for Asian carp as part of the larger Great Lakes Restoration Initiative, the federal government will have spent \$156 million since 2010 to contain the fish. Two species, bighead and silver, are notorious for their size, threats to boaters, voracious feeding habits and the fear that they will outcompete native fish for food...

<http://www.battlecreekenquirer.com/article/20120226/NEWS/202260317>

Polar Ecosystems Could be at Risk from the Spread of Toxic Cyanobacteria if the Climate Continues to Warm, Say Scientists

March 2, 2012 By Jennifer Phillips

Source: Physorg.com

Researchers studied cyanobacteria - the blue-green algae found in almost every body of water - in samples taken from the Arctic and Antarctic.



Blooms of these tiny microbes - known as cyanobacteria mats – can form in waters where there is an abundance of nutrients. These can often be seen on the surface of lakes, ponds, streams and other stretches of water.

Cyanobacteria are hugely important because of their role in 'carbon-fixing' - absorbing carbon dioxide from the atmosphere and helping maintain healthy oxygen levels while turning the carbon into food for other organisms.

However, some cyanobacteria can also contain toxins which can be potentially harmful for other organisms, especially animals...

Cyanobacterial mat sample taken from Antarctica

<http://www.physorg.com/news/2012-03-climate-impact-polar-ecosystems.html>

Who Pays for Invasive Species Battle? How Much?

Article by: Star Tribune

Updated: February 15, 2012 - 6:12 PM

Source: Star Tribune - Outdoors

Boating fees will likely go up, but other sources will be needed to pay for battling invasive species

Adam Doll, a Minnesota Department of Natural Resources invasive species assistant, used a hot-water, high-pressure washer to demonstrate on a DNR boat a new decontamination effort the DNR will use at public accesses on high-traffic state lakes in an effort to prevent the spread of zebra mussels and other aquatic invasive species.



Photo: David Joles, Star Tribune

Requiring every boat in Minnesota to be inspected for invasive species before watercraft are launched into a lake or river would cost about \$600 million yearly -- or about half the cost of a new Vikings stadium.

That's because the state would have to place inspectors at 3,800 public and private accesses during the open water season. If boaters alone were required to pay for that, the current \$5-per-boat surcharge would have to be increased to \$2,300. Obviously that's not going to happen, but it underscores the scope of the problem...

<http://www.startribune.com/sports/outdoors/139332773.html>

The Source Water Collaborative Highlights LakeLine Magazine Dedicated to Source Water Protection Issues

Back in 2006, NALMS joined with 22 other national organizations in a collaborative to protect safe drinking water at the source, on the lakes, streams, rivers and aquifers we tap for drinking water and on the land which protects and recharges those bodies of water. The Source Water Collaborative provides information to local land use planners and officials regarding how to implement effective source water protection efforts.

This February, the collaborative and NALMS joined together to make the fall issue of LakeLine Magazine available online through its website. The fall issue of LakeLine included an overview of the American Water Works Association's recently published utility management standard for source water protection (SWP) – G300, as well as a review of Ontario's SWP program and case studies of effective SWP programs being implemented by local and regional utilities. In addition, there were technical and policy articles illustrating various collaborative protection actions. The issue is available for download at <http://www.sourcewatercollaborative.org/highlights/lakeline-magazine-dedicated-to-source-water-protection-issues/>.

Website of the Month

<http://www.audubonmagazine.org/articles/nature/video-art-okeechobee>

Video: The Art of Okeechobee

Katherine Wolkoff on how she captured the stunning waterway.

By Susan Cosier

Published: 03/02/2012 – Source: Audubon Magazine

This website contains a video that is an art based view of the lake, water and plants at Lake Okeechobee in Florida.

Update Contact information:

Please let the NALMS Office (garenz@nalms.org) know if you have or are planning to change your contact information, so we can make sure you do not miss any of the NALMS monthly news letters, updates, or general NALMS announcements. NALMS appreciates this.

Open Invitation to Add to the Next E-newsletter

If you are having a conference, have a lake-related question, need advice, looking for similar lake problems/solutions, have an interesting story to share, or just want to be heard throughout NALMS, please send your material to Steve Lundt at slundt@mwr.dst.co.us. All e-newsletter material is due to Steve Lundt by the first Friday of each month to be considered for inclusion in that month's e-newsletter. The newsletter goes out electronically monthly.}}