

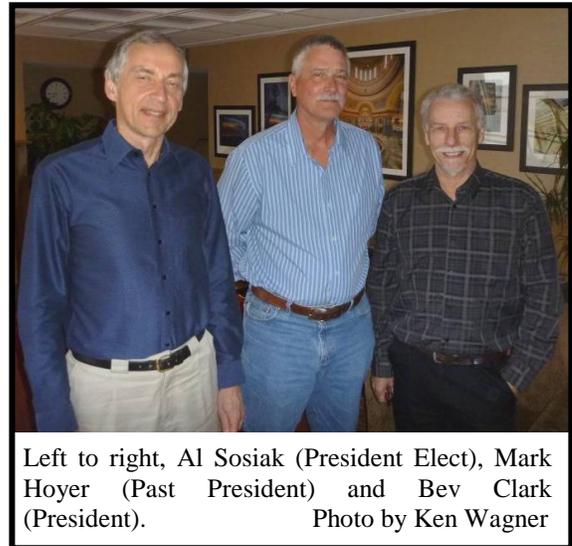
2011 NALMS e-Newsletter



April 2011

President's Message – Spring in the Air

The NALMS mid-term board meeting in Madison WI is now behind us, and I believe that we made some excellent progress on several fronts. We held afternoon workshops to iron out our grant processing protocols and to do a bit of brainstorming with respect to membership. We also assigned the final tasks for adding content to the new website which should be coming live very soon. The workshops were held in the NALMS office, and it was great to have the whole board visit together and meet with Sarah and Philip in the place where they work. Our conference planning is well under way for the Madison meeting in 2012. We have a few other interesting poker in the fire that we will talk about once we get started on them. I would like to thank all of the board members, staff, editors, and coordinators for their hard work and commitment to NALMS.



Left to right, Al Sosiak (President Elect), Mark Hoyer (Past President) and Bev Clark (President). Photo by Ken Wagner

NALMS members please take some time to promote attendance at our conferences and explain the value of membership to anyone who you think might benefit from becoming a NALMS member.

Bev Clark
President - NALMS

WITHIN NALMS

Membership in Motion - Sarah Unz

In the last issue of NALMS Notes, I promised to share the results from the December 2010 renewal period. Well, since it is April now and the March renewal period is wrapping up, I thought I would summarize both.

I would like to take this opportunity to welcome the 66 new members who joined between December 2010 and March 2011! Welcome to NALMS!

The December 2010 renewal period saw fewer folks renewing on line which was a surprise since online renewal has been very popular in the past. Because of that, I sent out additional reminders via snail mail and was able to catch a few folks. Approximately 291 members renewed in December out of 340. Our March renewal period is wrapping up and out of 148 members who were scheduled to expire, 100 have renewed so far with renewals trickling in everyday. Thank you to everyone who has taken the time to renew.

As stated, we had 66 new members join! That is fantastic! However, we need all previous members to renew to move from our modest membership gains to true growth. We all know NALMS is the place for Lake Management information, so do not let your membership lapse! Help us reach our membership goals, and if you by chance meet someone who doesn't know about NALMS, help us spread the word. This is easy to do, [share with them the special electronic edition of LakeLine, "This is NALMS."](#) Or, contact me at the NALMS office, and I can send a hardcopy of a recent LakeLine to any potential new member. I can also send any potential new member a copy of Your Lake and You. This is a great publication for the concerned citizen and lake steward. Let's make our membership goals a reality in 2011!



This was taken a few summers ago, I am anxious for warmer weather to get here and stay here.

Lastly, have you changed jobs recently? Moved? Got a new email? Please keep the office updated of your contact information. We do not want you to miss out on any of our publications or special announcements, so please keep us informed!

Take care,

Sarah
Membership Services Coordinator

NALMS Office Notes

Winter is a relatively quiet time in the Office, but spring is a period of transition. Outside, we've gone from snow to sleet and hail to rain. Inside, we've gone from the Oklahoma City conference to next fall's conference in Spokane (see below) and beginning work on a couple of conferences scheduled for 2012.

The NALMS Board held their annual mid-term meeting in Madison this week. Along with a productive meeting and post-meeting workshops focused on a number of key NALMS issues, our board members got a taste of the protests that have preoccupied



My car prefers water in its liquid form.

our little piece of America's Dairyland for the last couple of months. The state motto of Wisconsin is "Forward", and it's nice to know that while not everything in NALMS is perfect, we're working together to get there.

Forward!

Philip Forsberg
Program Manager

Case Histories Needed

Ken Wagner is the principal investigator for a NALMS grant from the Water Research Foundation that is evaluating the science and practical applications of rapid monitoring, water quality modeling, and aeration/mixing in reservoir management. If you have any case histories involving one or more of these three areas, Ken would very much like you to get in touch about filling out the forms that will get that project into the database. This project focuses on drinking water source protection and enhancement, but any cases using monitoring equipment that provide near real time results, applying models that allow prediction of conditions that guide management decisions, or use of aeration and/or mixing strategies to improve water quality are of interest. Contact Ken at kjwagner@charter.net, Water Resource Services, 144 Crane Hill Road, Wilbraham, MA 01095, 413-219-8071

What's New in Lake and Reservoir Management?

LRM, NALMS' peer reviewed scientific journal, is published quarterly and contains articles on lake and watershed management topics. While most papers are technical, many pertain to issues that most lake associations and lake managers face every year, if not every day. Being aware of what is in the journal can help you do your job or be a better steward of your lake. The March 2011 issue, Volume 27 #1, is on the web and on the streets, and includes papers on:

Empirical estimation of non-chlorophyll light attenuation (Jones and Hubbert)
Effects of non-algal turbidity on cyanobacterial biomass (Dzialowski et al.)
Internal loading in Lake Okeechobee (Pollman and James)
Sediment and nutrient management option evaluation for Lake Okeechobee (James and Pollman)
Storm flow diversion to improve water quality (Hudak)
Diatoms as long-term nutrient enrichment indicators (Tropea et al.)
Body condition as an indicator of fish abundance (Arismendi et al.)
Management of Lake Burragorang in a changing climate (Kristiana et al.)
Case study of effective watershed management for Lake Irmia, Iran (Zarghami)
Ecosystem service value variation in response to environmental flows (Yang)

Professional members of NALMS, Affiliates, Non-profit, and Corporate members all receive subscriptions; if you are not one of these, ask your library about access, which can be obtained through a number of online services.

CLM/Affiliate Question

(From Mike Adams, IL Affiliate)

Do you know who to talk to about using geothermal systems in lakes? There is growing interest here, particularly in the Chicagoland area about using lakes and ponds for geothermal energy. A suburban hospital recently created a 15 acre specifically for their energy needs and the concept is growing (http://www.shermanhealth.com/geothermal_lake.php). I am curious if there have been any studies or other NALMS members who have worked on this. Thanks Mike Adams.

Send comments directly to madam@lakecountyl.gov.

Since this question asked in late February, a couple of NALMS members have responded. Apparently, geothermal energy is becoming a popular lake use.

Response from Nancy Mueller:

Cayuga Lake, Cornell University has a system. There was a great deal of controversy when they put it in regarding the impact to Cayuga Lake.

http://www.tiaxllc.com/publications/lake-source_district_cooling_systems.pdf

Response from DR. Stephen Souza

This has come up in a couple of the lakes we are working on, the most recent being Lake Mohawk. We did a review on a very simple closed loop system that would be used as a heat exchange system for a single home. I found no reason to suspect that the system would impact the lake's thermal profile, but had concerns about pipe itself regarding its possible damage by boats, etc. In this particular application the lake shore drops off rather quickly so all of the piping was kept quite close to shore (less than 100'). However, the lake association was concerned that this installation could trigger a number of similar applications and has started to amend their by-laws to include a protocol for such installations.

CLM/CLP Question and Request

(from Jeff Thornton, PhD PH, CLM)

Dear Fellow CLM- and CLP-ers, Prof Walter Rast of Southwest Texas State University and Chair of the Organizing Committee for the 14th World Lake Conference (see their website: <http://www.wlc14.org/>) has asked me to convene a session on citizen involvement/stakeholder participation at this conference.

The US can offer the world a view of many types of lake organizations, ranging from small civic groups to formal governmental organizations. NALMS has been at the forefront of civil society-governmental partnerships, so I think that we have a lot to offer the world when it comes to stakeholder participation in both the formal and informal sense.

For this reason, I am asking you, my fellow NALMS members, to help showcase this range of organizations, including NALMS and its operations, at the federal level, amongst others. If you have an interest and would be willing to present a 20 minute paper on a specific (or general) type of lake organizations with which you are familiar, I would be overjoyed to hear from you! I need between 6 and 8 presenters to form the session.

Please let me know of your interest or the interest of any of your colleagues and friends that might be willing to participate in this great opportunity.

I can be reached directly by email at jthornton@sewrpc.org or iems@aol.com. My office telephone is 262 547-6721 x 237.

NALMS work with ACWI and USGS

NALMS is a member of the Advisory Committee on Water Information (ACWI). The committee meets at least once a year and is chaired by the Department of Interior's Assistant Secretary for Water and Science. Background information on this committee may be found at: <http://acwi.gov/aboutus.html>. Steven Heiskary is NALMS representative on this advisory committee.

A WebEx meeting of the committee was recently held on March 1, 2011. The focus of this particular meeting was for the USGS to provide an overview of their Science Strategic Planning Teams (SSPTS) and the planning process that is now underway. ACWI members are invited to assist the USGS in framing their planning process for the next ten years. Minutes from the recent meeting and directions for providing comments and participating in this process are available (http://acwi.gov/ACWI2011-mar_webex/index.html).

NALMS members who work with USGS or benefit from USGS-related programs or research are encouraged to review the minutes of the meeting and PowerPoint to become familiar with the process and determine how you might become involved in a process that will chart the course for USGS work for the next ten years.

UPCOMING CONFERENCES & EVENTS

NALMS 2011 Annual Symposium

The 31st International Symposium is coming to Spokane Washington for the first time ever in 2011. It has also been nearly 20 years that NALMS has come to the Northwest. The Symposium, with a theme of *Diverse and Sustainable Lake Management*, will take place at the Spokane Convention Center on October 26 - 28, 2011.

Spokane is a recreational Mecca, with 76 lakes within one hour of the city. The lifeblood of Spokane is the gorgeous Spokane River, which flows through downtown Spokane, creating a unique environment. The Spokane River Falls have been a gathering place for Native Americans for centuries. The Washington State affiliate, WALPA, has held successful Washington State Annual meetings in Spokane, most recently in 2009. Spokane has a proven track record with hosting conferences and conventions, on a state, regional, and national scale. Spokane is a family friendly city, with a myriad of exciting activities for young and old alike.



In the downtown core, there are a great selection of local restaurants, bistros, pubs, martini and wine bars, book stores, wineries, and retail shops. River Park Square is an urban shopping mall and is within walking distance of the symposium. Attendees can get up close and personal with the Spokane River, whether by trekking to the base of the Spokane River Falls or viewing them from above in the Spokane Falls Gondola Sky Ride. Spokane is pedestrian friendly, and attendees will have full access to downtown Spokane without having to get into a vehicle or deal with parking.

Spokane International Airport is 10 minutes from downtown and is served by 9 major airlines. There are direct non-stop flights from Minneapolis, Denver, Salt Lake City, Phoenix, Los Angeles, Oakland, Portland, Boise, and Seattle.

If you have not received a copy of the official call for papers or have questions about the upcoming conference, contact the Symposium Chair - BiJay Adams at bijay@libertylake.org or (509) 922-5443, X230. Note that conference abstracts are due by May 13; sponsorship payment and promotional materials are due August 1. Presenters of accepted abstracts must register and pay by August 26. Start planning now to attend the Symposium in Spokane this fall! September 22 is the last day the conference hotel rate is available.

NCLMS 2011 Spring Workshop

Got Muck? Methods for Dealing with Muck, Sediments and Particulates will be held Thursday, May 12, 2011, 8:30 AM – 4:30 PM, at the Lake Lure Town Hall in Lake Lure, NC. Topics that will be presented include control efforts, both within lakes and in streams before the sediments enter the lake, new techniques for managing silt, disposal options, permitting and regulatory issues, and water quality impacts from sedimentation. Lake Lure speakers will present their multi-year experience with hydraulic dredging and other options that they have tested.

You can register on-line at <http://www.nclakemanagement.org>. Information, speaker updates, and maps are also available at the website. The workshop will include breaks and lunch, a free boat tour of Lake Lure, onsite demonstration of trackhoe for sediment removal, t-shirts, mugs, and materials dealing with sediment removal. All of this included for the early registration fee of \$50. Vendor tables are available in limited quantities at \$100 per vendor. Contact Barbara Wiggins at nclakemanagement@gmail.com or call her at 828-254-5644 for more information on registration. Contact Dean Givens at loa@townoflakelure.com for program details.

Pond Design, Management, and Maintenance Course -April 15, 2011

Pond owner, landscape architect or engineer - if you are involved with the design, management, or maintenance of ponds, this course will help you make the proper decisions regarding the appearance, function, and up-keep of your pond - whether constructed for stormwater, irrigation, fishing or aesthetic purposes.

Learn how to:

- Properly select, use, & apply aquatic pesticides to control invasive aquatic weeds & algae;
- Make use of non-pesticide, environmentally friendly techniques;
- Design & implement a dredging project, following proper environmental regulations; and,
- Correctly select, size, & install various types of pond aeration systems.

AQUASCAPING AND BIOENGINEERING techniques will also be discussed.

For a complete agenda or to REGISTER, visit the Pond Design, Management and Maintenance course page at <http://www.cpe.rutgers.edu/courses/current/ew0315ca.html>.

This course is approved for 0.7 CEUs toward the NALMS Certified Lake Manager/Lake Professionals programs. Contact Dalynn Knigge, Program Coordinator knigge@njaes.rutgers.edu for any questions.

Lake Management Course – November 17-18

Whether you are a lake manager, lake resident, ecologist, or an engineer, this popular two-day course is for you. From small ponds to large lakes, drinking water reservoirs to fishing lakes, if you want your lake and watershed management efforts to be successful you need a technically sound foundation. This course will give you the training needed to properly investigate and diagnose lake quality problems and to develop and implement cost-effective, restoration measures.

Redesigned and updated last year, this course, will teach you how to evaluate what is needed to properly protect, manage, and restore your pond, lake, or reservoir. Professionals will guide you through the benefits and pitfalls of all of the most commonly implemented lake and pond management measures. The new, interactive nature of the course will provide attendees with the opportunity to discuss the specific issues and problems impacting the condition of their waterbody. The course also provides for “hands-on” problem solving and the in-class application of the featured course topics.

For a full description and topic list for this course, go to www.cpe.rutgers.edu/courses/current/ew0301ca.html#lkmgmtdescript. This course is approved for 1.2 CEUs toward the NALMS Certified Lake Manager/Lake Professionals programs.

EPA looking for NALMS Affiliates

The U.S. Environmental Protection Agency (EPA) recently sent a letter to State lake managers to let them know about the availability of some new lake outreach materials. If you are interested in this educational material about lakes, please contact Anne Weinberg, EPA Communications Coordinator, Assessment and Watershed Protection Division. Phone: 202-566-1217 and email: weinberg.anne@epa.gov.

In April 2010, EPA released the NLA, the first-ever comprehensive, statistically-based survey of the quality of U.S. lakes. This national assessment found that shoreline habitat loss and nutrient pollution are two major causes of lake impairment. In fact, poor biological health was found to be three times more likely in lakes with poor lakeshore habitat.

So over the past year, EPA has been reaching out to state fishing agencies, realtors, lake managers, lake associations, and watershed groups to stress the importance of protecting and restoring natural shorelines. They have been emphasizing that natural shorelines along the water’s edge protect lakes from pollution, provide habitats for fish and wildlife, and protect property values.

In order to reach a variety of audiences, EPA developed the following materials, which are available for download on the EPA Clean Lakes page at www.epa.gov/owow/lakes.

Learning About Lakefront Property - A short guide to help prospective waterfront property owners and existing lakefront property owners learn about the benefits and responsibilities of owning lakefront property

Healthy Lakes & Higher Property Values - Fact sheet to help real estate professionals learn about and protect our nation's lakes and lake shores.

Open the Door to Clean Lakes! – This is a laminated door hanger with information on the value of a healthy natural shoreline and specific tips for homeowners, designed for distribution to lakeside cabins, nature centers, etc.

Clean lakes need healthy lakeshores, healthy lakeshores need you - This is a floating key chain for boaters and those who work or play near the water, with tips on the importance of natural shorelines.

Lake Shoreland Protection Resources Clearinghouse for Information on Lakeshore Protection and Restoration – A comprehensive listing of available materials, websites, and other resources developed by states, academics, federal agencies and nonprofits on lakeshore protection and restoration topics.

Archived EPA Watershed Academy Webcasts – Topics include: the National Lakes Assessment: Reporting on the Condition of the Nation's Lakes, Healthy Shorelines Through Better Shoreline Stewardship, and Nitrogen and Phosphorus Pollution and Harmful Algal Blooms in Lakes.

LAKE NEWS & INFORMATION

Mussel Infested Boat Stopped at Lake Powell

On March 24th, a vessel infested with live adult quagga mussels was prevented from launching on Lake Powell in Glen Canyon National Recreation Area. The mussels were discovered by an employee at Antelope Point Marina during a routine inspection. Park staff decontaminated the vessel and placed it in quarantine for 30 days to ensure that all associated mussels will die before it is launched.

In addition to the adult mussels found attached in small crevices on the hull and outdrives, numerous quagga mussel larvae (veligers) were detected in water held in the engine and other systems of the boat. Movement was evident in the microscopic body masses within the tiny veliger shells during laboratory examination indicating that the veligers were alive.



The vessel had been moored in a lower Colorado River reservoir that is infested with quagga mussels. The infested boat had received a decontamination treatment prior to leaving the lower Colorado reservoir, but it is nearly impossible to find and remove all of the mussels. At Lake Powell, the vessel was treated again and placed in quarantine for 30 days, assuring that all associated mussels will die. While quarantine is undoubtedly inconvenient for park visitors, keeping Lake Powell mussel-free is essential to maintaining the economic and ecological vitality of the resource and surrounding communities and region.

Glen Canyon began a proactive zebra mussel prevention program in 1999 and continues to be one of the leaders in zebra mussel prevention in the western United States. Since 2003, the park has required all vessels identified as having a high risk of transporting zebra mussels to Lake Powell to receive a specialized boat and equipment wash before launching in Lake Powell. This service is provided at the park for free. Glen Canyon's program has been successful through these efforts combined with the cooperation of visitors, partner agencies and park concessioners.

For additional information on Glen Canyon's efforts to keep Lake Powell mussel-free, please visit www.nps.gov/glca/parknews/zebramussel1.htm.

The 18th Annual Secchi Dip-In Begins June 25

This is an invitation to participate in this year's Secchi Dip-In, which runs from June 25 to July 17. This is the 18th year of the Dip-In, and the three week event in June and July demonstrates that volunteers can collect valuable water quality data. The Dip-In is a network of volunteer programs and volunteers, that together gather and provides continent-wide (and world-wide) information on water quality.

If you are a coordinator of an aquatic monitoring program that measures transparency, pH, or temperature of surface waters, would you please urge your volunteers to participate? Probably never in recent history has our environmental efforts been more under greater attack by special interests. The Dip-In won't solve our environmental crisis, but it does provide reliable contemporary data on a continental scale on change in our waters to state and federal agencies and to researchers. We rely on existing programs because your volunteers are trained, providing assurance that the data are reliable. The Dip-In provides an event that coordinators of programs both large and small, can use to advertise their program and to explain to the public and to officials the importance of environmental monitoring.

We have a New Website Address. We now have a new website: <http://www.secchidipin.org>. Volunteers can retrieve and edit the data they have entered and coordinators can retrieve and edit data from any waterbody in their program. If you want to be designated as a coordinator, please register and then send me an email. Volunteers also have the ability to personalize their waterbody site by adding pictures. A satellite map and graphs of data for each waterbody is now available.

Presence on Facebook: We have a Secchi Dip-In site on Facebook as well. We have posted a number of photos of volunteers, Secchi disks, turbidity tubes and even data graphs on the site. You are welcome to post announcements of your program. We would be happy to provide links to your program.

Trends in Transparency: Thanks to contributions from 2010 volunteers, we added another 200 lakes with 5 or more years of data, increasing our **5-Year Club** to over 2,000 waterbodies. Five years or more of submissions is critical because it takes a minimum of 5 years of data in order to make reliable statements about trends.

In an era of increasing urbanization, it is not a trivial exercise to examine whether urbanization or other disturbances are affecting our waterbodies. We have found that some waterbodies having decreasing transparency are next door to ones that may be improving in transparency, suggesting that changes are a local phenomenon. At the same time some regions of the continent are indicating considerable change, while others have few lake that are changing, indicating a regional effect as well.

We urge you to consider participating this year. Better yet, urge your volunteers to participate. We all can gain from the experience. For more information, please contact

Bob Carlson Secchi Dip-In Coordinator, E-Mail: rcarlson@kent.edu, Facebook Site: <http://www.facebook.com/secchidipin>.

Position Announcement – Balsam Lake, WI

The Polk County Land & Water Resources Department has an opening for an Information Education Coordinator/Water Resources Specialist. This position will coordinate all water quality information/education activities for the department and will solicit and administer grants for water quality improvement, as well as provide technical assistance to landowners and lake groups regarding riparian and upland water quality conservation practices. A complete position description and application materials are available from the Polk County Department of Employee Relations at 715-485-9176 or on the Polk County website at co.polk.wi.us. You may also contact the Land & Water Resources Department at 715-485-8699 if you need more information.

The position is full time, 40 hours per week, includes county benefit package, regular pay rate of \$21.74 per hour (6 month probationary pay rate \$20.36 per hour) per AFSCME Local 774B union contract. Application deadline is April 11, 2011. Drop off or mail to: Polk County Dept. of Employee Relations, 100 Polk Plaza, #229, Balsam Lake, WI 54810.

Other information: Polk County is located in northwestern Wisconsin and includes 968 sq. mi. with a population of approximately 41,000. The county is predominantly rural and has 437 lakes, 360 miles of rivers, and a diverse mixture of farmland, woodland, developments and recreational areas. Agriculture and tourism are both major parts of the area economy.

Master of Science in Lake Management at in New York

This new program is being offered at the State University of New York College at Oneonta. The Biology Department at SUNY Oneonta is accepting applications for a Master of Science degree in Lake Management that is beginning during the fall semester of 2011. Degree recipients will meet the requirements to apply for certification as Lake Manager (CLM) by NALMS. The program will include 32 hours of theory and closely-aligned field and laboratory experiences as well as thesis research involving the development and implementation of a lake management plan and monitoring of short-term responses. Admission to the program will require a baccalaureate, including

undergraduate courses in the natural sciences, communications, business, government and statistics. Those deficient in undergraduate requirements may be accepted provisionally on the condition that such deficiencies are made up. It is expected applicants may have a diversity of widely varying technical and liberal arts backgrounds. Contact: Bill Harman, CLM, SUNY Oneonta Biological Field Station, ph.607.547.6218, fax harmanwn@oneonta.edu. or Oneonta.edu/academics/biology.

Indiana to Stock Lake Michigan with Brown Trout

The Indiana Department of Natural Resources soon will stock Lake Michigan with 35,000 brown trout as part of an agreement with Illinois. Beginning in 2002, the Indiana DNR made arrangements with the Illinois DNR to provide brown trout for stocking the Indiana waters of Lake Michigan. Indiana is upholding the agreement by stocking four locations in late June along the shoreline.



Springtime News that will put Smiles on Lake Managers

ScottsMiracle-Gro announced in March, 2011 that they will remove all phosphorus from its lawn-maintenance fertilizers sold in the U.S. by the end of 2012. The Marysville-based lawn care and garden product company said it has reformulated its products and will focus on creating more efficient and optimized ways to use nitrogen in its lawn fertilizers.



The move comes as states enact or consider bans on the use of lawn fertilizers containing phosphorus. Florida, Illinois, Maryland, Minnesota, New York, Vermont, Virginia, Washington, and Wisconsin have enacted or are planning restrictions on use of lawn fertilizer containing phosphorus.

Scotts began reducing phosphorus in its lawn-fertilizer products in 2006 as a result of conversations it had with officials regarding Maryland's Chesapeake Bay. At that time, the company agreed to reduce phosphorus levels by 50 percent over three years. But Rich Shank, Scotts' chief environmental officer, said the latest decision takes the company's commitment even further.

Scotts will keep phosphorus in its starter-fertilizer products for new lawns, because phosphorus is essential to the initial root development of grass. Phosphorus will also remain in ScottsMiracle-Gro's organic lawn food as it naturally occurs in the materials contained in the products. Scotts will launch a website to educate consumers on the reformulated product, to make sure the public is comfortable with this and understands the reason for the change.

Bill Banning Phosphorus in Fertilizer aimed at Chesapeake Bay Clean Up

A bill to ban the use of phosphorus-containing fertilizer would diminish pollution runoff into the Chesapeake Bay and save localities money by reducing the need for storm water treatment systems, according to the Chesapeake Bay Foundation. By 2013, the law could reduce Virginia's share of phosphorus pollution in the Chesapeake Bay by an estimated 230,000 pounds per year, or 22 percent of Virginia's phosphorus reduction goal by 2017.

Drought-tolerant Garden Workshops in California

Four Inland Empire water districts (Riverside and San Bernardino counties in California) have partnered with Home Depot to create the Garden Friendly <<http://www.iegardenfriendly.org/>> program. The educational campaign is aimed at the blazing inland region, where irrigation of a conventional turf garden can command as much as 70% of household water use.

Workshops and special plant sales on Home Depot parking lots are scheduled from April 9 to June 25. Locations include Riverside, Chino, Upland, Corona, Redlands and Murrieta. Although many dry gardeners would like see major chains stock more drought-tolerant plants as a rule instead of an exception, this effort is worth saluting.

Question is, could a similar partnership with major retail gardening stores also focus on lake friendly practices? Maybe next will be a Lake-friendly garden workshop series explaining how lakefront property owners can properly manage their shoreline.

Smuggling of live fish seen as threat to Great Lakes

The Detroit News

To some, the Asian carp is an invader to be driven off. To others, it's a delicacy to be savored. And to a few, it's a commodity for profit. Those competing interests have begun to clash recently at the U.S.-Canadian border. In four months of heightened inspections, Canadian customs officials have stopped three trucks attempting to enter the country from the United States carrying live Asian carp - an invasive species feared may one day dominate the Great Lakes. In each case, Canadian natural resources officials believe the thousands of fish captured were headed to ethnic markets in Toronto, or possibly New York, where they are a sought-after food item.

Lake Michigan's Water Level Prediction for this Summer

Lake Michigan's water level is forecasted to be down this summer, leaving coastal property owners with larger beachfront areas but forcing boaters to navigate shallower water. Lake Michigan and Lake Huron - technically one body of water - are predicted to be down 8 to 10 inches from last summer's level, caused by lower than average snowfall and precipitation over the past year.

American Fisheries Society - Text Book on Small Impoundments

The Southern Division of the American Fisheries Society (SDAFS), Small Impoundments Committee (FYI, SDAFS also has a Reservoir Committee) is finalizing work on a text book that focuses on farm pond and small impoundment management.

Chapters topics include: considerations for building impoundments, managing pond environments, stocking strategies, pond renovation, and managing ponds for wildlife. AFS has enlisted experts in all facets of pond management to put together a publication that will serve instructors, students, and professionals who deal with the management of small impoundments, not just in the Southeast, but anywhere in the country.

AFS will be publishing the book soon, but the Committee is searching for financial support to help defray the \$30,000 cost of publication. Contact Wes Neal, Small Impoundments Committee chair, if you are interested in this text book and/or helping support the cost of publishing (jneal@cfr.msstate.edu).

2nd DEA National Pharmaceutical Take-Back Day – April 30th

The Drug Enforcement Administration (DEA) is sponsoring a second National Pharmaceutical Take-Back Day to be held on April 30, 2011. DEA looks to build upon the success of its September 2010 event which collected 121 tons of household medications nationwide.

These nationwide events provide a unified opportunity for the public to surrender expired, unwanted, or unused pharmaceutical controlled substances and other medications to law enforcement officers for destruction. DEA's efforts bring national focus to the issue of pharmaceutical substance abuse (20% - 30% of high school students report using prescription drugs that were not prescribed to them), while providing a secure and environmentally-friendly outlet for disposal that will protect our lakes and reservoirs.

DEA is mailing invitations to participate to all sheriff departments, police departments, and drug task forces nationwide. Law enforcement agencies are the targeted event hosts due to the collection of controlled substances. The DEA is paying the costs of transport and disposal for all medications collected during this event. For more information and a frequently updated list of locations, visit www.dea.gov.

Rare Vietnamese Turtle not Doing so Well

A rare, ailing turtle, one of only four left in the world, considered sacred by many Vietnamese has been captured in a lake in central Hanoi by rescuers who hope to give it medical attention. Thousands of onlookers cheered at Hoan Kiem Lake as the mammoth creature was pulled in after escaping capture last month.



Hoan Keim Lake is about a mile across and is a city landmark with a temple on an island. The lake has been heavily polluted with trash and sewage over the years and is most likely the cause of the ailing turtle.

It took 50 workers two hours to net the turtle and lure into a cage which was then transported by boat to the small island that was recently expanded and equipped with a small pond, known as the turtle hospital.

Concerns mounted after the turtle was spotted with lesions on its head and shell, prompting the government to form committees and employ hundreds of workers to frantically clean debris and pollution from the lake.

The turtle is estimated to weigh about 440 pounds and is one of the world's most endangered freshwater turtles. There is one other turtle of the same species, known as Rafeteus swinhoi, in Vietnam and two others in a Chinese zoo.

Scientists say it is at least 80 years old, but many Vietnamese believe, as legend has it, that it is the same mythical creature said to have helped Vietnamese King Le Loi fend off the Chinese nearly six centuries ago.

Websites of the Month – www.buzzardsbay.org/download/lawn-brochure-bbac.pdf

It is that time of year for homeowners to get out in the yard. Here is a nice brochure that maybe lake organizations can pass out to help educate people about how fertilizer can harm a lake.

www.forestryimages.org

This website provides images available to natural resources professionals. The database contains more than 124,000 images. All images are freely available for noncommercial, educational use as long as users properly cite the photographer, organization, and Bugwood.org. If interested in contributing images, go to “contribute images” on www.forestryimages.org. For questions or comments, contact Joe LaForest at laforest@uga.edu or Dave Moorhead at Moorhead@uga.edu.

Update Contact information:

Please let the NALMS Office (slunz@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 even month to be considered for inclusion in that month’s e-newsletter. The newsletter goes out electronically during February, April, June, August, October, and December.}}