



Wisconsin
Lakes
Partnership

32nd Annual
Wisconsin Lakes
Convention

Agenda



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Chris Whalen 2009

"I believe our biggest issue is the same biggest issue that the whole world is facing, and that's habitat destruction."

- Steve Irwin



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FRINGE BENEFITS

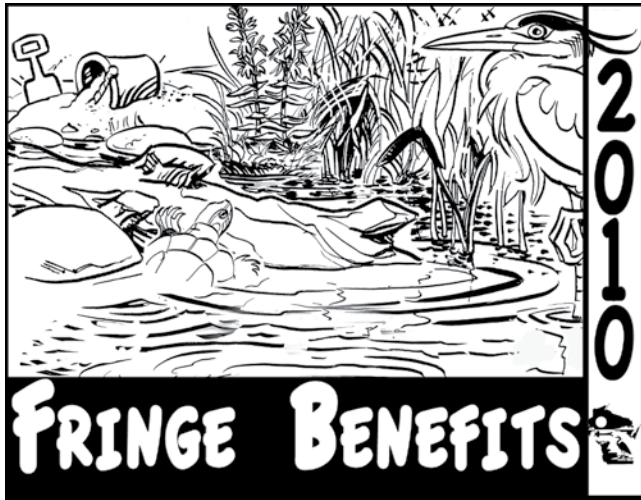
RESTORING WISCONSIN SHORELANDS & SHALLOWS

March 30-April 1, 2010 ~ KI Convention Center, Green Bay



Welcome

to the 32nd Annual Wisconsin Lakes Convention



RESTORING WISCONSIN SHORELANDS & SHALLOWS

For many of us, shorelands and shallows represent the sweep of one's heart, a place filled with memories of growing up, catching fish, watching frogs and whiling away the sweet summer days. For the past decade, the domestication of our shorelands has altered the character of our shores in a negative way, but change is afoot. People around Wisconsin have been rethinking what is best for the lakes and their families, and taking on the task of restoring their shorelands to a natural state. Lake residents and organizations, natural resource agencies from the Wisconsin Department of Natural Resources (WDNR) to local land conservation committees, as well as tribal entities, energy companies, and businesses such as resorts and restaurants, have all embraced the idea of protecting and restoring shorelands and shallows. This convention is an opportunity to learn from our past and look ahead to the future with inspiration, sound science, and a network of lake enthusiasts to assist each other. A lot of great things can come from our efforts. Thank you for joining us!

The Wisconsin Lakes Partnership

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Agenda subject to change without notice.

Convention At-A-Glance



Agenda subject to change

Tuesday

8:00am-6:00pm	Convention Lobby	Registration Open
9:00am-6:30pm	Exhibit Hall	Exhibits Open
9:00am-12:00pm	Breakout Rooms	Morning Workshops
10:15-10:45am	Exhibit Hall	Refreshment Break
12:00-1:00pm	Exhibit Hall	Lunch & Welcome
1:00-3:45pm	Meeting Room B	Plenary Session - Life on the Edge: Making Linkages to Public Values and Perceptions of Shorelands and Shallows
3:45-4:15pm	Exhibit Hall	Refreshment Break
4:15-5:15pm	Meeting Room B	WAL Membership Meeting
4:15-5:45pm	Breakout Rooms	Concurrent Breakout Sessions
5:45-7:00pm		Networking Time (dinner on your own)

EVENING EVENTS

7:00-8:00pm	Ballrooms A1-A4	Special Policy Sessions
8:00-11:00pm	Pre-function Lobby Rooms 6A/6B	Wisconsin Lakes Convention Welcome Reception Free Beverages & Hors d'oeuvres

Wednesday

8:00am-5:00pm	Convention Lobby	Registration Open
8:00am-6:00pm	Exhibit Hall	Exhibits Open
9:00am-12:00pm	Meeting Room B	Plenary Session - Sustaining Shorelands and Shallows in Wisconsin: Are We Making a Difference in Water Quality & Wildlife Enhancement?
10:15-10:45am	Exhibit Hall	Refreshment Break
Noon-1:30pm	Exhibit Hall	Lunch & Poster Presentation Session
1:45-3:15pm	Breakout Rooms	Concurrent Breakout Sessions
3:15-3:45pm	Exhibit Hall	Refreshment Break
3:45-5:30pm	Breakout Rooms	Concurrent Breakout Sessions
5:30-6:00pm	Meeting Room B	Networking Time - Free Refreshments

EVENING EVENTS

6:00-7:30pm	Meeting Room B	WI Lake Stewardship Banquet & Awards Ceremony (All participants welcome)
7:30-11:00pm	Meeting Room B	"Movies After 8" - Free Refreshments & Snacks

Thursday

8:00am	Convention Lobby	Registration Open
8:00am	Exhibit Hall	Exhibits Open
8:00-9:00am		Networking Time
9:00am-12:00pm	Breakout Rooms	Morning Workshops
9:00am-3:00pm	Ballroom A1	All-day Workshop
10:00-10:30am	Exhibit Hall	Refreshment Break
12:00-1:30pm	Exhibit Hall	Lunch & Closing Speaker
1:30-3:00pm	Breakout Rooms	Concurrent Breakout Sessions

The Wisconsin Lakes Convention concludes by 3:00 pm on Thursday, April 1, 2010.



Tuesday Agenda

March 30, 2010

Morning Workshops			
	Room 6A/6B	Ballroom A3	Ballroom A4
9:00 am-12:00 pm	Name That Plant! Aquatic Plant ID page 10	Clean Boats, Clean Waters (CBCW) Training page 10	Limnology 101 page 10
10:15-10:45 am	Refreshment Break in Exhibit Hall		
12:00-1:00 pm	Welcome & Lunch in Exhibit Hall ~ <i>Speaker Matt Frank</i> page 15		
1:00-3:45 pm	<p align="center">Plenary Session - Meeting Room B</p> <p align="center">Life on the Edge: Making Linkages to Public Values and Perceptions of Shorelands and Shallows</p> <p>Welcome ~ <i>Mr. Jeff Bode, Master of Ceremonies</i> Understanding Public Perceptions of Native Vegetation and Landscaping: Working with 'Neatniks' to Restore our Lakeshores ~ <i>Fred Rozumalski</i> Nature's Second Chance: Restoring the Ecology of Stone Prairie Farm ~ <i>Steven I. Apfelbaum</i> One Drop at a Time: Water, Sustainability, and Our Landscape ~ <i>Marcus de la fleur</i> The Minnesota Blue Thumb Program: Planting for Clean Water™ ~ <i>Angie Hong</i> See pages 12-13 for speaker descriptions</p>		
3:45-4:15 pm	Refreshment Break in Exhibit Hall		

Afternoon Concurrent Sessions					
	Room B3	Ballroom A4	Ballroom A2	Ballroom A3	Room 6A/6B
4:15-5:45 pm	Wisconsin Association of Lakes Meeting 4:15-5:15pm page 19	The New Phosphorus Fertilizer Law... Organic and Low-Maintenance Lawn Care page 16	Ecological Design Principles for Shorelands... Shorelines That Work... page 16	100+ Years of Shoreland Development in Wisconsin Shoreland Wetland Zoning... page 17	The Economics of Northern Wisconsin Lakes.. Protecting Shorelands Economically... page 17
5:45-7:00 pm	Networking Time (dinner on your own)				

Special Evening Sessions				
	Ballroom A1	Ballroom A2	Ballroom A3	Ballroom A4
7:00-8:00 pm	Wisconsin Public Trust Doctrine NR 115 + Q&A page 20	Groundwater and Lakes page 20	Aquatic Plant Management in Wisconsin page 20	NR 151 - Runoff Management page 20
8:00-11:00 pm	Wisconsin Lakes Convention Welcome Reception Pre-function Hotel Lobby and Rooms 6a & 6b page 20			

Tuesday Agenda

March 30, 2010



Morning Workshops				
	Ballroom A1	Champion's Club	Auditorium	Ballroom A2
9:00 am-12:00 pm	Shoreland Restoration page 10	Educating for Stewardship: Inspiring and Engaging Youth page 11	The Blue Thumb - Planting for Clean Water™ Program page 11	Thoughtful Landscapes in a Changing World page 11
10:15-10:45 am	Refreshment Break in Exhibit Hall			
12:00-1:00 pm	Welcome & Lunch in Exhibit Hall ~ <i>Speaker Matt Frank</i> page 15			
1:00-3:45 pm	<p align="center">Plenary Session - Meeting Room B</p> <p align="center">Life on the Edge: Making Linkages to Public Values and Perceptions of Shorelands and Shallows</p> <p>Welcome ~ <i>Mr. Jeff Bode, Master of Ceremonies</i> Understanding Public Perceptions of Native Vegetation and Landscaping: Working with 'Neatniks' to Restore our Lakeshores ~ <i>Fred Rozumalski</i> Nature's Second Chance: Restoring the Ecology of Stone Prairie Farm ~ <i>Steven I. Apfelbaum</i> One Drop at a Time: Water, Sustainability, and Our Landscape ~ <i>Marcus de la fleur</i> The Minnesota Blue Thumb Program: Planting for Clean Water™ ~ <i>Angie Hong</i> See pages 12-13 for speaker descriptions</p>			
3:45-4:15 pm	Refreshment Break in Exhibit Hall			

Afternoon Concurrent Sessions					
	Auditorium	Room 5A/5B	Room 7	Champion's Club	Ballroom A1
4:15-5:45 pm	Managing Woodlands for Forest Products and Clean Water Management on Your Lakeshore Property page 18	POWTS Inventory and Maintenance Reporting Sanitary Maintenance Program page 18	Managing an Effective Non-Profit Organization Insurance Matters for Lake Orgs. page 18	Building the Wisconsin Volunteer Naturalist Program Native Plant Groupings That Work page 19	NR40: WI's Invasive Species ID, Classification and Control Rule page 19
5:45-7:00 pm	Networking Time (dinner on your own)				
7:00-8:00 pm	Special Policy Sessions (listed on page 4)				
8:00-11:00 pm	Wisconsin Lakes Convention Welcome Reception Pre-function Hotel Lobby and Rooms 6a & 6b page 20				

Registration Open	~	8:00 am-6:00 pm	~	Convention Center Lobby
Exhibits Open	~	9:00 am-6:30 pm	~	Exhibit Hall



Wednesday Agenda

March 31, 2010

9:00 am- 12:00 pm	<p align="center">Plenary Session - Meeting Room B Sustaining Shorelands and Shallows in Wisconsin: Are We Making a Difference in Water Quality & Wildlife Enhancement?</p> <p>Welcome ~ <i>Mr. Jeff Bode, Master of Ceremonies</i> Just How Good are the Nation's Lakes? Water Quality, Recreational Suitability, and Ecological Integrity of Lakes and Reservoirs Based on the National Lakes Assessment ~ <i>Neil Kamman</i> Protection & Enhancement of Wisconsin Shorelands and Shallows ~ <i>Liesa Lehmann</i> Marketing Lakeshore Protection ~ <i>Dr. Bret Shaw</i> The Animal Conspiracy ~ <i>Special Guest - Tim Bedore</i></p> <p align="right">See pages 14-15 for speaker descriptions</p>
10:15-10:45 am	Refreshment Break in Exhibit Hall
12:00-1:30 pm	<p align="center">Lunch and Poster Session in Exhibit Hall</p> <p>Lunch begins at 12:00 and Poster Session runs 12:30-1:30 pm</p> <p align="right">See pages 21-22 for poster descriptions</p>

Afternoon Concurrent Sessions

	Ballroom A4	Ballroom A2	Ballroom A3	Room 6A/6B
1:45-3:15 pm	<p>Protecting Our Shorelines with Natives and Engineered Solutions</p> <p>Finding the Shared Vision...</p> <p>Lake Projects: The Engineer's Perspective</p> <p align="right">page 22</p>	<p>Structural Habitat in Littoral Zones, Developing Habitat Fingerprints...</p> <p>Quantifying the Ecological Benefits of Lakeshore Restoration in Northern WI</p> <p align="right">page 23</p>	<p>Using Chapter 30... Care & Feeding of Zoning Depts. and Officials for Good Shoreline Protection</p> <p>County Lake Classification: A Tool to Guide Shoreland Zoning</p> <p align="right">page 23</p>	<p>RSVP – Big Green Lake's Shoreland Restoration Incentive Program</p> <p>Restoring WI Shorelands with Your Local County Land & Water Department...</p> <p align="right">page 24</p>
3:15-3:45 pm	Refreshment Break in Exhibit Hall			
3:45-5:30 pm	<p>Long Lake Biological Surveys and Using Volunteers</p> <p>Developing a Citizen-Based Protection Program for the Northern Highlands</p> <p align="right">page 27</p>	<p>Shoreland Restoration: How-to, Installation...</p> <p>Building a Native Plant Program from the Ground Up...</p> <p>Native Plant Seed Collecting...</p> <p align="right">pages 27-28</p>	<p>2010 is Here: Planning Along WI's Waterways</p> <p>County Land Use Plan...Waupaca County</p> <p align="right">page 28</p>	<p>A Nationally Consistent Approach to Evaluate the Nation's Lakes...</p> <p>Water Quality in Nearshore Areas of Northern Wisconsin Lakes</p> <p align="right">page 28</p>
5:30-6:00 pm	Networking Time in Meeting Room B (Free Refreshments)			
6:00-7:30 pm 7:30-11:00 pm	Wisconsin Lakes Stewardship Banquet & Awards Ceremony - Meeting Room B Multi-media Presentation & "Movies After 8" <p align="right">page 31</p>			

Wednesday Agenda

March 31, 2010



9:00 am- 12:00 pm	<p align="center">Plenary Session - Meeting Room B Sustaining Shorelands and Shallows in Wisconsin: Are We Making a Difference in Water Quality & Wildlife Enhancement?</p> <p>Welcome ~ <i>Mr. Jeff Bode, Master of Ceremonies</i> Just How Good are the Nation's Lakes? Water Quality, Recreational Suitability, and Ecological Integrity of Lakes and Reservoirs Based on the National Lakes Assessment ~ <i>Neil Kamman</i> Protection & Enhancement of Wisconsin Shorelands and Shallows ~ <i>Liesa Lehmann</i> Marketing Lakeshore Protection ~ <i>Dr. Bret Shaw</i> The Animal Conspiracy ~ <i>Special Guest - Tim Bedore</i></p> <p align="right">See pages 14-15 for speaker descriptions</p>
10:15-10:45 am	Refreshment Break in Exhibit Hall
12:00-1:30 pm	<p align="center">Lunch and Poster Session in Exhibit Hall Lunch begins at 12:00 and Poster Session runs 12:30-1:30 pm</p> <p align="right">See pages 21-22 for poster descriptions</p>

Afternoon Concurrent Sessions

	Auditorium	Room 5A/5B	Room 7	Champion's Club	Ballroom A1
1:45-3:15 pm	<p>Lake Puckaway's Vanishing Act</p> <p>Watershed Protection: Planning & Implementation</p> <p align="right">page 24</p>	<p>Surveys as Tools</p> <p align="right">page 25</p>	<p>Shoreland Zoning in Polk County</p> <p>Restoring Riparian Buffers in Adams County</p> <p align="right">page 25</p>	<p>The Casual Volunteer: A Beginner's Look at the Citizen Lake Monitoring Network and Clean Boats, Clean Waters Program</p> <p align="right">page 25</p>	<p>Wisconsin's Wetland Gems</p> <p>Land Use and Wetlands</p> <p>Reversing the Loss: Protect, Restore and Explore WI Wetlands</p> <p align="right">page 26</p>
3:15-3:45 pm	Refreshment Break in Exhibit Hall				
3:45-5:30 pm	<p>Structure and Functional Dynamics of Coarse Woody Habitats...</p> <p>Fish Sticks: The Eau Claire Chain Lakes Project</p> <p align="right">page 29</p>	<p>Water Star Program</p> <p>Protecting and Restoring Shorelands and Shallows: WDNR Grants are Here to Help</p> <p align="right">page 29</p>	<p>The Politics of Lakes: Citizen Participation</p> <p align="right">page 30</p>	<p>Erosion Control Techniques 101</p> <p>Erosion Control in Reservoirs...</p> <p>Bioengineered Erosion Control at Boat Access Sites</p> <p align="right">page 30</p>	<p>EWM Management Strategies on McDill Pond</p> <p>Coordinating & Evaluating a Successful AIS Control Project</p> <p align="right">page 31</p>
5:30-6:00 pm	Networking Time in Meeting Room B (Free Refreshments)				
6:00-7:30 pm 7:30-11:00 pm	Wisconsin Lakes Stewardship Banquet & Awards Ceremony - Meeting Room B Multi-media Presentation & "Movies After 8"				
					page 31



Thursday Agenda

April 1, 2010

Morning Workshops				
	Off-site	Room 6A/6B	Auditorium	Champion's Club
9:00 am-12:00 pm	Lake Data on the Web page 32	Citizen Lake Monitoring Network (CLMN) Training page 32	County Lakes and Rivers Associations Roundtable page 32	Partnering for Water Quality: Protecting Shorelands and Shallows in Burnett County page 32
10:00-10:30 am	Refreshment Break in Exhibit Hall			
12:00-1:30 pm	Closing Lunch - Exhibit Hall Leading in a Time of Change: Insights for the Future ~ <i>Dr. Natalie Schoch</i> see page 15 for speaker description			

Afternoon Concurrent Sessions				
	Ballroom A4	Ballroom A2	Ballroom A3	Room 6A/6B
1:30-3:00 pm	Techniques Used in Measuring Groundwater in a Lake Community Well Water Testing: What We've Learned from 20 Years of Testing You, Your Lake and Groundwater page 34	Rush Lake: Restoration of a Deep Water Marsh Shoreland Restoration: Getting to the Roots of the Issue page 35	Water Law and Policy Updates page 35	The Behavior and Lake Services Valuation of Shoreline Residents in Vilas County Youth Protecting Wisconsin Waters: The Department of Workforce Development Boat Inspection Initiative page 36

The Wisconsin Lakes Convention concludes at 3:00 pm on Thursday, April 1, 2010.

Registration Open ~ 8:00 am-1:30 pm ~ Convention Center Lobby

Thursday Agenda

April 1, 2010



Morning Workshops

	Ballroom A4	Ballroom A3	Ballroom A2	Ballroom A1
9:00 am-12:00 pm	Shoreline Erosion Control Techniques 101 page 33	Learning from the National Lakes Assessment: What's Next for Wisconsin Lakes? page 33	Propagating Native Plants for Shoreland Restoration: Strategies, Tips & Proven Techniques page 33	Lake District Commissioner Training ALL DAY page 33
10:00-10:30 am	Refreshment Break in Exhibit Hall			
12:00-1:30 pm	Closing Lunch - Exhibit Hall Leading in a Time of Change: Insights for the Future ~ <i>Dr. Natalie Schoch</i> see page 15 for speaker description			

Afternoon Concurrent Sessions

	Auditorium	Room 5A/5B	Room 7	Champion's Club	Ballroom A1
1:30-3:00 pm	What Changes in Lakes as Water Levels Decline? Changes in Habitat with Declining Water Levels Declining Water Levels in Northern WI's Lakes: Natural Variations & the Implications of Climate Change page 36	Winnebago County Conservation Expo: Selling Shoreland Stewardship to a Wider Audience Lake Fairs: A Great Way to Engage the Public page 37	Clark Lake Watershed Study: Building Partnerships to Achieve Protection Goals Rock River Coalition page 37	Engaging Citizen Volunteers in Water Monitoring The Michigan Inland Lakes Partnership: Promoting Collaboration to Advance Stewardship Statewide page 38	ALL DAY WORKSHOP CONT. Lake District Commissioner Training page 33

The Wisconsin Lakes Convention concludes at 3:00 pm on Thursday, April 1, 2010.

Exhibits Open ~ 8:00 am-1:30 pm ~ Exhibit Hall



Tuesday Workshops

9:00am-12:00pm

9:00am-12:00pm - Room 6A/6B

Name That Plant! Aquatic Plant ID ~ *pre-registration required* ~ Fee \$30 ~ Limit 25

Learning to identify the water plants in your lake can help with a variety of lake projects, such as aquatic plant management plans, grants, or just add to the fun of learning more about water plants. This workshop will give a hands-on, up close view of aquatic plant intricacies and differences to aid you in their identification. Learn how plants survive underwater and how they contribute to the health of the lake ecosystem.

Presenters: Susan Knight, UW-Madison Center for Limnology and Ali Mikulyuk, WDNR

9:00am-12:00pm - Ballroom A3

Clean Boats, Clean Waters (CBCW) Training ~ *pre-registration required* ~ Limit 25

Volunteers have been an integral part of protecting Wisconsin lakes for over two decades. With so many water bodies and so few state resources, we rely heavily on volunteer efforts to educate boaters about aquatic invasive species (AIS) and how to prevent their spread. Come join us for the Clean Boats, Clean Waters workshop and become one of the 1,200 volunteers who have been trained to conduct watercraft inspections! We will discuss the latest AIS, what can be done to prevent their spread, and how you can get your community involved. Sharpen your inspection skills by role playing how to talk with people at the boat landing, and discover the subtle differences between native and non-native invasive aquatic plants through hands-on plant identification. Everyone will receive the watercraft inspection handbook, containing AIS distribution information, contacts, a kit of resources to aid inspection efforts, and more.

Presenters: Erin McFarlane, UW-Extension Lakes, Brenda Nordin, WDNR and Sandy Wickman, UWEX Lakes/WDNR

9:00am-12:00pm - Ballroom A4

Limnology 101 ~ *Workshop is full*

This workshop will cover the basics of lake science and management. Issues such as eutrophication, the impact of near shore development and the introduction of aquatic invasive species will be covered. Join us as we share insights about the physical, chemical, and biological characteristics that make these watery gems so unique. Learn why some lakes are green while others are blue. Understand why some are shallow and others deep, some full of aquatic plants while others are less so. We'll take a look at the lakes dotting the Wisconsin landscape and discuss the management challenges and opportunities we face in leaving a lake legacy for future generations. Bring your lake questions and observations to share!

Presenters: Pamela Toshner and Buzz Sorge, WDNR

9:00am-12:00pm - Ballroom A1

Shoreland Restoration ~ *Workshop is full*

Join us for a workshop aimed at bringing resource professionals up to speed on designing and implementing effective shoreland restoration projects. Components include ecological design principles, working with landowner concerns, permits, erosion control techniques, plant criteria and selection, and monitoring for success. Attendees will gain a foundational understanding of how to partner with county land and water conservation departments and landowners in shoreland rehabilitation work.

Presenters: John Haack, UW-Extension, Mary Blickenderfer, U. of MN-Extension, Cheryl Clemens, Harmony Environmental, Inc., Brent Hanson, Hanson's Garden Village and Stacy Dehne, DATCP



Tuesday Workshops, cont.

9:00am-12:00pm

9:00am-12:00pm - Champion's Club

Educating for Stewardship: Inspiring and Engaging Youth

Educating the next generation of lake leaders, conservationists, environmentalists, and resource preservationists is an important responsibility of THIS generation! Teaching, mentoring and inspiring the young people who will assume the stewardship of our lakes and their surrounding natural habitats is a worthy and extremely important goal for all of us...no matter what our roles within the broader society might be. This workshop will highlight a variety of hands-on, project-based learning experiences that have actively engaged students/youth in learning about lakes, shorelands, and watersheds, while working to solve lake problems that are facing us. We'll explore a variety of ways to involve youth in protecting and managing the lakes in your community, providing specific examples of collaborative efforts that have involved K-12 teachers, lake organizations, DNR specialists, college or university teachers and researchers, county land and water conservation departments, and others. Curriculum and resource materials, funding ideas, and ways to meet state DPI academic standards will be included. A great opportunity to network with others who enjoy working with young people!

Workshop Facilitator: Carol LeBreck, Wisconsin Association of Lakes and Bayfield County Lake Forum Boards

Presenters: Jerry Kaiser, Barnes/Eau Claire Lakes POA, Kate Reilly, UW-Extension, Madison, John Heusinkveld, Treehaven

9:00am-12:00pm - Auditorium

The Blue Thumb - Planting for Clean Water™ Program

This program makes it easy for residents interested in doing their part to protect water quality to plan, purchase and plant native gardens, rain gardens and shorelines with native plants. It started in the Rice Creek Watershed District of Minnesota and now it reaches into the Twin Cities metro area and greater Minnesota. There are currently over 60 Blue Thumb partners. Learn how this program was built from the ground up and how they effectively engage citizens to join them in protecting shorelands and shallows.

Presenter: Angie Hong, Washington Conservation District, MN

9:00am-12:00pm - Ballroom A2

Thoughtful Landscapes in a Changing World

Climate change will stress our landscape with hotter summers and less frequent, but more intense, storm events. These, among other effects, make it clear that it is time to increase carbon sequestration (by plants) and decrease fossil fuel consumption. Learn new ways to build and manage landscapes to create a healthier, more resilient and sustainable environment from two experts in the field.

Presenters: Fred Rozumalski, Barr Engineering and Marcus de la fleur, de la fleur LLC

“When we heal the earth, we heal ourselves.”

- David Orr



Tuesday Plenary Speakers

1:00-3:45pm

Life on the Edge: Making Linkages to Public Values and Perceptions of Shorelands and Shallows



Welcome

Mr. Jeff Bode, Master of Ceremonies

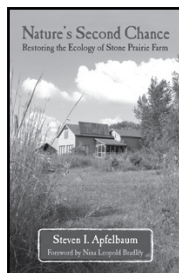
Once again we are pleased to have Jeff Bode as our Master of Ceremonies. Jeff is Section Chief of Lakes and Wetlands for the Wisconsin Department of Natural Resources. His leadership and savvy has helped guide, expand and shape Wisconsin lake management efforts, which has paid back huge dividends to the people of Wisconsin. With his support and guidance, the Wisconsin Lakes Partnership has flourished and become a national model for “protecting in partnership our legacy of lakes.”



Understanding Public Perceptions of Native Vegetation and Landscaping: Working with ‘Neatniks’ to Restore Our Lakeshores

Fred Rozumalski

Fred Rozumalski will join us to discuss techniques to incorporate the aesthetic of neatness into our lakeshore restorations, while preserving the native landscape. Fred is an urban landscape architect practicing sustainable land design with Barr Engineering Company in Minneapolis, Minnesota. His work strives to regenerate ecological systems, while accommodating the needs of people. Fred is also a lecturer on issues of water conservation and human adaptation to our changing climate. He is adjunct faculty in the Department of Landscape Architecture at the University of Minnesota.



Nature’s Second Chance: Restoring the Ecology of Stone Prairie Farm

Steven I. Apfelbaum

Internationally recognized restoration ecologist Steven I. Apfelbaum will be joining us in Green Bay to discuss his new book, Nature’s Second Chance: Restoring the Ecology of Stone Prairie Farm (referred to as the 21st century sequel to the best-selling classic A Sand County Almanac). Steven is founder, president and senior ecologist of Applied Ecological Services, and is among the best-known world leaders in ecological system restoration, conservation development and the restoration of hydrology. Steven has conducted ecological research, designed award-winning projects, successfully navigated regulatory programs, and contributed his unique creative scientific expertise and enthusiasm to over 1,500 projects throughout North America and beyond.



Tuesday Speakers, cont.

1:00-3:45pm

One Drop at a Time: Water, Sustainability, and our Landscape

Marcus de la fleur

With its green roof, rain barrels, rain gardens, and other “green” applications, this residential pilot project in Elmhurst brings to life the principles of responsible treatment of rain water within a residential landscape. Marcus will speak about the rationales of the applied sustainable practices, explain how to make a yard not only beautiful but useful and “green,” and describe and quantify the larger cumulative effect of changing to “green.”



Marcus de la fleur is an Associate and Registered Landscape Architect, running his own design and consulting firm (de la fleur, LLC) in Chicago, IL. He received his horticultural degree from the School of Horticulture at the Royal Botanic Gardens, Kew, and obtained his Masters in Landscape Architecture at the University of Sheffield, both in England. Marcus presently leads and manages several site planning, design and engineering projects at various scales, some of them LEED (Leadership in Energy and Environmental Design) rated or registered. These projects combine brownfield site developments, urban design, waterfront treatments, planting design, and native landscape restoration. Marcus also researches and compiles engineering manuals/guidelines on sustainable technologies.

The Minnesota Blue Thumb Program: Planting for Clean Water™

Angie Hong

Angie Hong, Water Resource Education Specialist with the Washington Conservation District in Stillwater, Minnesota, will share “The Minnesota Blue Thumb Program: Planting for Clean Water™.” This highly successful program currently boasts over 65 partnerships comprised of professionals from local governmental units (watershed and conservation districts, cities, counties), non-profit and community organizations, and nursery and landscape professionals.



Visit the
Wisconsin
Association
of Lakes booth
to purchase these
helpful publications!





Wednesday Plenary Speakers

9:00am-12:00pm

Sustaining Shorelands and Shallows in Wisconsin: Are We Making a Difference in Water Quality and Wildlife Enhancement?



Just How Good are the Nation's Lakes? Water Quality, Recreational Suitability, and Ecological Integrity of Lakes and Reservoirs Based on the National Lakes Assessment

Neil Kamman

Neil Kamman is an environmental scientist with the Lakes and Ponds Management Program from the Vermont Department of Environmental Conservation. Neil has been an essential team member in a partnership between the U. S. Environmental Protection Agency (EPA), states and tribes, and lake citizens nationwide working on a series of National Aquatic Resource Surveys that are designed to report regularly on the condition of the nation's waters. Neil has expertise in several water quality areas including monitoring program design, statewide and local water quality assessment, mercury contamination in aquatic systems, lake biocriteria development, lake water quality assessments, and Water Quality Standards.



Protection and Enhancement of Wisconsin Shorelands and Shallows

Liesa Lehmann

Liesa Lehmann is the Waterway Protection Section Chief for WDNR's Bureau of Watershed Management. Liesa has worked for the WDNR as a water management specialist and a statewide waterway policy coordinator. In her current role, Liesa manages the statewide policy and implementation of Wisconsin's waterway and wetland programs, including shoreland zoning. Here, she will discuss how effective management of shorelands and shallows requires a comprehensive approach involving many different people and tools. Wisconsin DNR works in partnership with local governments, advocacy groups and lake property owners to protect shorelands using direct management, regulation, financial incentives, technical assistance and education. Each of these elements plays a role in protecting and enhancing the habitat, water quality and natural scenic beauty of Wisconsin's shorelands. The recently revised NR 115 state minimum standards provide several important new regulatory protections, and opportunities for lake enthusiasts to get involved at the local level to advance these changes.

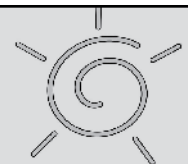
Free and welcome to all ages and levels of interest.

Sunrise Yoga

Wednesday & Thursday mornings

6:45-7:45am (Room to be announced)

Instructor Quita Sheehan from Phelps, Wisconsin, will lead participants through basic yoga poses in a mellow and relaxed environment. Participants should bring a yoga mat or bath towel with them. Wearing comfortable clothing is recommended.





Wednesday Speakers, cont.

9:00am-12:00pm

Marketing Lakeshore Protection

Dr. Bret Shaw

Research shows people often know what is required to protect lake health but don't make the changes necessary to protect the lakes that they live on and love. It seems that simple education - the provision of information - may be necessary but not sufficient to influence actual behavior change. As a result, educators, outreach professionals and lake association members focused on protecting lakes have been turning to social marketing for guidance in meeting behavior-change goals. This presentation will describe a social marketing campaign in northwest Wisconsin that is seeking to encourage lakeshore property owners to adopt more natural shorelines to protect water quality and habitat. Examples and strategies will be described along with plans for evaluation. Bret Shaw is a faculty member and Environmental Communication Specialist in the Department of Life Sciences Communication at the UW-Extension.



The Animal Conspiracy

Tim Bedore

Special guest Tim Bedore has spent thousands of hours entertaining audiences, first on the radio and then as a comedian, headlining comedy clubs across the country. Tim has kept his hand in the radio business through his radio commentary feature Vague But True®, and will share his take on "The Animal Conspiracy." Stretch out, relax, and get ready to laugh!



Lunch Speakers

Tuesday Lunch & Welcome

Secretary Frank: A Comprehensive Approach to Water Quality

Secretary Matthew Frank, Wisconsin Department of Natural Resources



Thursday Lunch & Closing

Leading in a Time of Change: A Futurist's Approach

Dr. Natalie Schoch

At times it seems that the pace of change is so fast we'd like to stop and catch our breath. Yet there is no stopping—the future is where we all are headed and every moment takes us forward into that uncharted territory. Most of us have little training in thinking about the future and hope is not a strategy. However, there are a number of futures tools that can help us as we make the decisions that will create our future. Join Natalie Schoch, Director of Knowledge Management and Trends at the Kellogg® Company, for a discussion about the future and some tips and tools that can help us create the future we desire.





Tuesday Concurrent Sessions

4:15-5:45pm

4:15-5:45pm - Ballroom A4 - *Water Quality and Ecological Health Along Our Waterways*

The New Phosphorus Fertilizer Law: What does it say and what can you do to help?

Do you know about the new law going into effect in April 2010 that limits the sale and application of fertilizers containing phosphorus on turf across Wisconsin? You've probably heard before about the negative effects that phosphorus has on lakes. Attend this session to learn about the basics, nuances and exceptions in this law, and take educational materials back to share with your lake group. After hearing about the educational and enforcement approaches to this law by the Wisconsin Department of Agriculture, we'll discuss how lakefront property owners can help.

Presenters: Lynn Markham, UW-Extension Center for Land Use Education and Charlene Khazae, DATCP

Organic and Low-Maintenance Options for Lawn Care

Looking for a new way to care for your lawn? Thinking about trying organic, but unsure where to begin? Attend this session to discuss various options ranging from minimal maintenance to high maintenance, with a focus on organic strategies for fertilization and weed control. We will also cover the best types of grasses to plant in Wisconsin adapted to shady areas, dry areas, wet areas, and more. Nutrient losses from various lawn care strategies will be discussed.

Presenter: Doug Soldat, UW-Madison

4:15-5:45pm - Ballroom A2 - *New Knowledge on Shorelands & Shallows*

Ecological Design Principles for Shorelands: Lessons Learned from the Minnesota Experience

Successful shoreline projects begin by reading and interpreting the site features and dynamics, but what should one take note of and why? Participants in this session will learn how basic ecological principles, restoration experience and bioengineering come together to successfully re-vegetate shorelands and shallows. Mary Blickenderfer of the University of Minnesota Extension will share several projects from start to finish, demonstrating the use of "workhorse species" and appropriate sequencing.

Presenter: Mary Blickenderfer, University of Minnesota-Extension

Shorelines That Work: Native Plantings Heal Erosive Water Landscapes and Provide Impressive Visual Appeal

Lakes and ponds face an onslaught of stressors that threaten to compromise both their beauty as well as their ecological integrity. Fortunately, a partnership is emerging between aquatic ecologists and horticulturists to revisit traditional societal pressures to have neatly manicured turf lakeshores, and instead develop environmentally sensitive landscape strategies that enhance both aesthetic appeal and ecological function of our waters. We will discuss how the Chicago Botanic Garden began restoring its most critically eroding shorelines in the late 1990s.

Presenter: Robert Kirschner, Chicago Botanic Garden

"Hug the shore; let others try the deep."

- Virgil

Tuesday Sessions, cont.

4:15-5:45pm



4:15-5:45pm - Ballroom A3 - Waterfront History, Policy and Regulation

100+ Years of Shoreland Development in Wisconsin

To understand what the future holds for Wisconsin's stewardship of lakes and shoreland habitats, a look back in time can help gain perspective. Participants in this session will step back in time to explore some of the major events since statehood; from the era of the Pinery Boys and lumber barons, to the establishment of State Parks, the advent of the Wisconsin Conservation Commission, the depression and the legacy of the Civilian Conservation Corps, Post WWII recreation boom, to establishment of shoreland zoning, and finally to the "dot-com bubble". We will explore a few of the significant changes in our lakeshores that have resulted from our collective history.

Presenter: Paul Cunningham, WDNR

Shoreland Wetland Zoning: The Change After 40 Years

To protect our critical shoreland and shallow areas, Wisconsin works in partnership with local governments, citizens, and conservation groups using a variety of measures. Minimum statewide shoreland standards are one tool the state uses to safeguard our shorelands for the future. Forty years after they were first adopted, new state shoreland development rules have been updated to better protect lakes and rivers while allowing property owners more flexibility on their land. Come learn from a veteran water regulations and zoning specialist how these new tools affect you and how you -- or your local organization or government -- can tap into the array of opportunities to protect the lakes and rivers you love.

Presenter: Gregg Breese, WDNR

4:15-5:45pm - Room 6A/6B - Economics of Shoreland Management

The Economics of Northern Wisconsin Lakes: Lessons Learned from Several Studies

This session will present recent research concerning the economics of lakes with a focus on the value of lakeshore features and amenities. Topics will include the effect of lakeshore zoning ordinances on both lakeshore property values and lakeshore development, the economic cost of aquatic invasive species, and the economic value of such lake features as water clarity, fishing quality, and green frogs. Additionally, valuation of (willingness-to-pay for) non-market lake amenities such as milfoil prevention, green frogs, and fishing quality, will be discussed. If time allows, we may talk about migration trends, including how the population and development patterns have changed and likely will change.

Presenter: Bill Provencher, Professor, UW-Madison

Protecting Shorelands Economically: Voluntary Conservation Options for Lake Shore Owners

Investing in voluntary protection of natural shorelands by lake property owners is both economical and cost effective. Lake organizations, lake leaders and individual landowners can partner with local land trusts to promote preservation of significant stretches of natural shorelines. Attend this session to learn how permanent protection of private shorelands can help to maintain water quality and enhance property values. The presentation will highlight the variety of voluntary conservation options available and possible grant funding opportunities for land and conservation easement acquisitions.

Presenter: Bryan Pierce, Northwoods Land Trust



Tuesday Sessions, cont.

4:15-5:45pm

4:15-5:45pm - Auditorium - *The Land and Water Interface*

Managing Woodlands for Forest Products and Clean Water

Learn how you can manage your shoreland woodlands and protect water quality. Best management practices (BMPs) provide landowners, foresters and loggers with practical and cost-effective methods to protect water quality in lakes, streams and wetlands. Forestry BMPs for water quality, first developed in 1995, are currently under review. Highlights of updates will be reviewed as well as monitoring results from nearly 600 timber sales.

Presenter: Carmen Wagner, WDNR

Management on Your Lakeshore Property

Nothing is quite as important to the beauty and ecosystem function of your lake shore property as trees. They provide shade, habitat for wildlife, the “northwoods” feel, firewood, beauty, and many other benefits. Managing the trees can be difficult and expensive for lakeshore owners, especially, because trees aren’t static. They grow and die and forests change over time. During this session, we’ll discuss trees, how forests change, and what you can do to keep trees healthy and an important part of your lakeshore property and ecosystem. *Presenter: Jason Fischbach, UW-Extension, Ashland and Bayfield County*

4:15-5:45pm - Room 5A/5B - *Human Dimensions of Shorelands and Shallows*

POWTS Inventory and Maintenance Reporting Update

With revision to Chapter Comm 83, Wisc. Adm. Code, an added emphasis has been placed on the need to manage all Private Onsite Wastewater Treatment Systems (POWTS). This presentation will provide a brief historical tour of rules pertaining to POWTS maintenance and a report of what progress has been made, to date, to actively manage all POWTS’s in Wisconsin. In addition to the specific focus on POWTS management, time will be made available to answer questions related to other aspects of the POWTS program.

Presenter: Roman Kaminski, Department of Commerce

Sanitary Maintenance Program Overview

This session will cover Brown County’s experience with the administration and enforcement of the state mandated Private Onsite Wastewater Treatment System (POWTS) maintenance program.

Presenter: Bill Bosiacki, Brown County Planning & Land Services Dept.

4:15-5:45pm - Room 7 - *Lake Organization Capacity Building*

Managing an Effective Non-Profit Organization - Learn the Nuts and Bolts

Could you use some tips on how to make your lake association more effective and sustainable? Do you feel a little unsure of the good governance practices and legal requirements of non-profit organizations? This session will help you better understand the benefits of, and steps involved in incorporating your association and obtaining federal tax exemption status. We’ll also review other tax matters important to non-profit organizations, plus fundraising and financial management tips.

Presenter: Bruce Mayer, Wegner LLP, CPAs & Consultants

Insurance Matters for Lake Organizations - Can You Risk It?

Wisconsin lake organizations are facing more difficult and complex issues and management decisions including matters of risk management and insurance coverage. Whether your lake organization focuses on social activities and community events, or operates weed harvesters and dams, insurance likely has a place in your business plan. This session will explore basic insurance principles, help you understand concerns and decide if your organization needs insurance. A knowledgeable insurance agent will cover possible lake group risks and liability exposure, the types of insurance protection available, and how to pick the proper insurance coverage for your group.

Presenter: Rob Kroblow, The Horton Group



Tuesday Sessions, cont.

4:15-5:45pm

4:15-5:45pm - Champion's Club - Working with Citizens for Healthy Shorelands

Building the Wisconsin Volunteer Naturalist Program

Natural resource scientists and educators want to develop a Wisconsin Volunteer Naturalist Program (WIVN) to recruit and train volunteers to conduct environmental education and stewardship activities, and to assist researchers with data collection. WIVN will develop a corps of well-informed volunteers dedicated to education and service within their communities, much like the Master Gardener Program. A statewide, core curriculum will introduce WIVN volunteers to basic natural history information and ecosystem concepts and dynamics. Those volunteers will then provide a minimum of 40 hours per year of service. WIVN is still in the planning stages. This session will provide an overview of planning efforts, and an opportunity to voice your ideas and get involved.

Presenter: Kate Reilly, Environmental Resource Center, UW-Extension

Native Plant Groupings That Work

Partnering with nurseries and landscape professionals on native plantings that work can be a challenge. Matching native plant options to landowner desires, site characteristics like soil, moisture conditions, and aspect, as well as concerns such as wildlife habitat and water quality protection, takes an ecological eye, a responsive ear, and an accomplished planner. Come to this session to learn from a pro. Brent has decades of experience in working with landowners from throughout northern Wisconsin. He will give you tips on identifying suitable native plantings that are attuned to your lake environment. He will also make suggestions on partnering effectively with nursery or landscape professionals in order for you to get the most out of your project.

Presenter: Brent Hanson, Hanson's Garden Village LLC

4:15-5:45pm - Ballroom A1 - Aquatic Invasive Species

NR40: Wisconsin's Invasive Species Identification, Classification and Control Rule

Chapter NR 40, Wisconsin's invasive species identification, classification and control rule helps citizens learn to identify and minimize the spread of plants, animals and diseases that can invade our lands and waters and cause significant damage. Invasive species are non-native plants, animals and pathogens whose introduction causes or is likely to cause economic or environmental harm, or harm to human health. Participants in this session will be introduced to the law, learn where they can find more information and learn how to implement a program which helps to inform others in an effort to protect Wisconsin's lakes, rivers and wetlands.

Presenter: Bob Wakeman, WDNR

4:15-5:15pm - Meeting Room B3

Wisconsin Association of Lakes Membership Meeting

The Wisconsin Association of Lakes has been advocating for local lake people and organizations at the state level since 1992. This statewide, non-profit group seeks to protect the natural wonder of our lakes, and preserve our collective right to boat, fish, hunt, ice skate, swim and enjoy the scenic beauty of our shared public waters. Come learn what has been accomplished in the past year, and show your support to advance future lake protection in Wisconsin.





Tuesday Evening Sessions

7:00-8:00pm - Ballroom A1

Wisconsin Public Trust Doctrine Overview

In addition to an overview, this presentation will allow time for a question and answer period regarding Wisconsin's Public Trust Doctrine.

Presenter: Michael Cain, retired WDNR attorney

NR 115 - Wisconsin's Shoreland Protection Program

This presentation will highlight recent updates to the minimum shoreland standards for Wisconsin, leaving additional time for questions.

Presenter: Gregg Breese, WDNR Water Regulations and Zoning Specialist

7:00-8:00pm - Ballroom A2

Groundwater and Lakes

This presentation will include a brief overview of the hydrological relationship between surface water and groundwater. This will be followed by a discussion of the existing laws regulating the approvals of high capacity wells, and a discussion of the legislation currently pending, and how it will benefit lake property owners in Wisconsin.

Presenter: Bob Nauta, RJN Environmental Services, LLC

7:00-8:00pm - Ballroom A3

Aquatic Plant Management in Wisconsin

This session is geared towards consultants and individual applicators dealing with aquatic plant management (APM) work in Wisconsin. This will be an open forum to discuss APM permitting, certification, and aquatic pesticide use.

Presenters: Tim Asplund, WDNR Limnologist, Robby Personette, Pesticide Certification & Licensing, DATCP

7:00-8:00pm - Ballroom A4

NR 151 - Runoff Management

This session will give attendees an opportunity to learn about potential updates and changes to the rule which seek to address pollution from agricultural farms and fields, construction sites and developed urban areas.

*Presenters: Kurt Calkins, County Conservationist, Columbia County Land and Water Conservation Department
Joe Dorava, PE and Project Manager, Vierbicher Associates*

8:00-11:00pm - Pre-function Hotel Lobby and 6A/6B

Wisconsin Lakes Convention Welcome Reception - Free Beverages & Hors d'oeuvres

This event is sponsored by the Lake Leaders Institute and Wisconsin Association of Lakes. Everyone is welcome! Meet Lake Leader Institute graduates, members of the Wisconsin Association of Lakes Board of Directors, and other convention-goers at this informal networking opportunity.

"I feel that we should not only maintain gentle, peaceful relations with our fellow human beings but also that it is very important to extend the same kind of attitude toward the natural environment."

- Dalai Lama



Wednesday Poster Session

12:30-1:30pm

12:30-1:30pm - Exhibit Hall

Lunch begins at 12:00 pm

Listed alphabetically

Accelerated Hand Pulling Technique for EWM Removal

Edward "Ned" Greedy, Tomahawk Lake Association, Inc.

Blue Heron Shoreland Stewardship Award Program

Rollie Alger, Vilas County Lakes Association

Citizen Lake Monitoring Network - Through the Years

Laura Herman, UW-Extension Lakes

Contrasting Effects of Urban and Agricultural Land-use on Zooplankton Community Structure in an Urbanizing Region

Scott Van Egeren, UW-Madison/WI DNR

Diet Changes in Pumpkinseed Sunfish in Response to Increased Piscivory

Anthony Matthys & Dr. Jim Hodgson (undergrad. professor)

Evaluation of Littoral Plant Community Re-establishment in Four Northern Indiana Glaciated Lakes

Mark Prankeus & Thomas L. Estrem, JFNew

Fish Passage in the Manitowish River Headwaters

Carmen Wagner, WDNR & Sarah Herrick, WDNR

The Human Effect on Fish Habitat and Populations Within the Milwaukee River Estuary

Mark Kordus & Dale Buser, Bonestroo

Incorporating Shoreline Development in a Lake Impact Model

Paul M. McGinley, Center for Watershed Protection and Education, K. Foster & E. Frank

Moose Lake Legacy Initiative: Citizen Contributions to Land Conservation

Douglas Miskowiak, UWSP GIS Center & Ben Niemann, Citizen Contributors of Moose Lake

NEW to Wisconsin - Be on the Look-out for These Aquatic Invasive Species

Laura Herman, UW-Extension Lakes

Overwintering Habitat Preferences of the Milfoil Weevil, *Euhrychiopsis lecontei*, on McDill Pond, Portage County, WI

Amy Thorstenson, UWSP Graduate Program, Ron Crunkilton and Mike Bozek, UWSP

Phosphorus Sorption by Hydric Soil in a Wetland After Dairy Manure Loading

Chris Arnold, UWSP graduate student/Columbia County Land and Water Conservation Department

Planning for the Future of Portage County Lakes: A Residential Build-out Assessment

Dan McFarlane, GIS/Research Specialist, Center for Land Use Education, UWSP

Practical, Large-scale Rearing Methods for Milfoil Weevils: Results of Refined Methods

Amy Thorstenson & Dr. Ron Crunkilton, UWSP

Surveillance of Health Events Related to Harmful Algal Blooms in Wisconsin

Emelia McAuliff, MPH; Wisconsin Division of Public Health, Bureau of Environmental and Occupational Health

Continued on page 22

Many of these posters will be on display for the entire convention.



Poster Session, cont.

12:30-1:30pm

12:30-1:30pm - Exhibit Hall

Listed alphabetically

Water Clarity Monitoring Through the Use of the Secchi Disc

Laura Herman, UW-Extension Lakes

Well Maintained Lawns Can Reduce Runoff

*John Stier, Ph.D. & Eileen Nelson, UW-Madison
Department of Horticulture*

Whitefish Lake: The Ecology of a Wisconsin Gem

Eric Olson, UWEX Center for Land Use Education

Winter Drawdown and Shallow-water Management on McDill Pond

*Paul Skawinski, Golden Sands RC&D and
Krista Olson, McDill Inland Lake P&R District*

Wisconsin's Freshwater Sponge Citizen Monitoring Program

Dreux J. Watermolen, WDNR

The Wisconsin Lakeshore Restoration Project

*Patrick Goggin, UW-Extension Lakes,
Mike Meyer & Dan Haskell, WDNR*

Wednesday Concurrent Sessions

1:45-3:15pm

1:45-3:15pm - Ballroom A4 - *Water Quality and Ecological Health Along Our Waterways*

Protecting Our Shorelines with Natives and Engineered Solutions

Hear about the integration of native plants in shoreline restoration by using new technologies like the Envirolok® vegetated and Prairie Sod Systems. These new technologies allow slow growing natives to establish and thrive in today's artificial, high energy lake and stream conditions while improving the health and quality of the critical littoral zone.

Presenter: Mark Doublab, Agrecol Corporation

Finding the Shared Vision: Working with Landowners to Achieve their Perfect Shoreline

This presentation will cover the process of creating a beautiful shoreline from the vision of the landowner and the ideas of the professional. Lisa will cover points landowners should consider when planning their shoreline planting as well as tips from the experienced consultant to create ease in maintenance, increased visual appeal, and greater success of the project. Included will be recommendations for finding a professional consultant to meet your needs whether it's for design or installation of your shoreline restoration. Before and after pictures of projects will be included to further illustrate how the process comes to fruition.

Presenter: Lisa J. Reas, LJ Reas Environmental Consulting Corporation

Lake Projects: The Engineer's Perspective

The people at Montgomery Associates have found lake projects can have more successful outcomes if stakeholders are involved from the very beginning of the process. Working with all the people concerned increases the odds of finding feasible and mutually agreeable solutions. It can be hard for non-engineers to understand engineers' lingo, so communication and education by the engineer is a very important part of the process. Considering how best to engage the lake community can lessen the chances of miscommunication and allow all groups to agree on the results.

Presenter: Jeffrey M. Hruby & Steve Gaffield, P.E., Montgomery Associates: Resource Solutions, LLC

Wednesday Sessions, cont.

1:45-3:15pm



1:45-3:15pm - Ballroom A2 - New Knowledge on Shorelands & Shallows

Structural Habitat in Littoral Zones, Development of Habitat Fingerprints and Sampling Intensity Guidelines for Small Lakes

The near shore waters in lakes, called littoral zones, can be structurally diverse, and provide a wide array of habitat for aquatic organisms. Research is lacking to help understand the complexity of littoral zone habitats and understanding the type of structure can provide frameworks for lake and fisheries management. The objective of this study was to explore ways to create a multi-dimensional littoral zone “fingerprint” of lakes in order to display structural habitat composition and to explore ways that knowledge could be used to classify lakes.

Presenter: Sara Schmidt, Ho-Chunk Nation and former UWSP graduate student with WI Cooperative Fishery Research Unit

Quantifying the Ecological Benefits of Lakeshore Restoration in Northern Wisconsin

Planned development has the potential to alter a lake’s ecological processes and integrity. Studies have documented negative changes to the flora and fauna in Vilas County, due to housing developments. Dan Haskell’s research examines the previously unstudied effects of residential development on the abundance and diversity of medium to large-bodied mammals in lakeshore ecosystems. This study is one of the first of its kind in the area. It will continue to document the degree of change for subsequent years to provide insight into the way the local ecosystem functions and how ecological communities are structured.

Presenter: Dan Haskell, WDNR

1:45-3:15pm - Ballroom A3 - Waterfront History, Policy and Regulation

Using Chapter 30 Shore Protection Standards to Protect My Lake from Invasives

This presentation will examine Wisconsin’s current regulatory framework pertaining to work in and around public lakes and streams (specifically activities related to shore protection, stabilization, and restoration) and policies related to invasive species management and prevention. We will touch upon how you, the landowner, can promote the establishment of native species when doing shoreline activities to help combat the spread of invasives.

Presenter: Martye Griffin, WDNR

Care and Feeding of Zoning Departments and Officials for Good Shoreline Protection

The state entrusts the implementation and enforcement of NR115 - Wisconsin’s Shoreland Protection Program to the counties. Under NR115, each county is required to adopt a shoreland zoning ordinance that at least meets the state’s minimum standards. County boards, zoning departments, zoning committees, and boards of adjustment are the significant players in good shoreland protection. This talk will discuss how to interact with these groups, become an effective shoreline advocate, and what can be done to maximize shoreline protection. The Washburn County experience will be presented as an example of a successful advocacy program.

Presenter: Earl Cook, President, Wisconsin Association of Lakes

County Lake Classification: A Tool to Guide Shoreland Zoning

Lake classification is a funding opportunity through the WDNR Lakes Grants Program to help counties tailor local land and water management programs to the needs of specific groups of waters. This talk will highlight ways that counties can use lake classification to learn more about their water resources and establish more progressive shoreland management policies that will better protect local resources. We’ll look at examples from a number of counties to explore shoreland development policy options, different ways that counties can use lake classification grants, and tips for conducting successful projects.

Presenter: Susan Tesarik, Education Director, Wisconsin Association of Lakes



Wednesday Sessions, cont.

1:45-3:15pm

1:45-3:15pm - Room 6A/6B - Economics of Shoreland Management

RSVP – Big Green Lake’s Shoreland Restoration Incentive Program

This session will provide an overview of Big Green Lake’s Shoreland Restoration Incentive Program. Big Green’s Revitalization of Shoreland Vegetation Project (RSVP) provides incentives for waterfront property owners to work with local certified RSVP contractors to restore their riparian areas to a native and natural shoreland area. In addition to restoring shoreland areas, RSVP also aims to inform and educate riparian owners as well as the public on the benefits of native/natural restored shoreland areas.

Presenter: Charlie Marks, Green Lake Sanitary District Director

Restoring Wisconsin Shorelands with Your Local County Land & Water Department: Funding Opportunities, Incentives, and Technical Expertise

Do you need ideas or funding? Wisconsin County Land & Water Conservation Departments have a number of tools and resources available to assist you in restoring your shoreland property. Learn about opportunities to restore native shoreland habitat, stabilize erosion, and manage runoff through a rain garden or infiltration practice. Financial incentives and technical assistance available through counties across Wisconsin will be covered.

Presenter: Mary Jo Gingras, Iron County & Dave Ferris, Burnett County Land and Water Conservation Departments

1:45-3:15pm - Auditorium - The Land and Water Interface

Lake Puckaway’s Vanishing Act

Lake Puckaway is a richly productive 5,000 acre shallow lake nestled within the heart of the Fox River watershed. The name Puckaway comes from the Native American term ‘apuckawa’ or wild rice field. And aptly named it was, as wild rice was the dominant emergent plant...at least until the last century. In the geologic flash of a firefly, Puckaway’s wild rice fields vanished. The rice’s demise has taken with it water clarity, wildlife, and lake resilience. What happened to the rice? What happened to the clear water? Find out why you should care.

Presenter: Mark Sesing, WDNR and Derek Kavanaugh, Green Lake Land and Water Conservation Dept.

Watershed Protection: Planning & Implementation

After decades of excellent water quality, Deer Lake began to exhibit prolonged algae blooms. Using data from an engineering study to look at phosphorus sources, it was determined that most of the loading was coming from agricultural sources delivered through nine large ravines feeding into the lake. By focusing our efforts on these areas, we have been able to reduce phosphorus loading by more than 50%. This effort has energized our property owners to do their part in shoreland restoration.

Presenter: Jim Miller, Vice-President, Deer Lake Conservancy

“When one tugs at a single thing in nature, he finds it attached to the rest of the world.” ”

- John Muir

Wednesday Sessions, cont.



1:45-3:15pm

1:45-3:15pm - Room 5A/5B - Human Dimensions of Shorelands and Shallows

Surveys as Tools

Surveys, when used correctly, can be powerful tools in gathering information about a variety of topics. Lake groups are increasingly turning to surveys as a way to solicit input from their members but often struggle with developing properly worded questions, effectively administering the survey and analyzing the responses. This session will explore surveys as tools for gathering information by looking at when their use is appropriate and when another tool, such as interviews or focus groups, might be more useful. The presenters will draw on numerous real survey examples as they explore proper question development, selection of survey recipients, common pitfalls, survey distribution, and analysis of results. Lake groups utilizing WDNR grants for survey development are required to follow certain guidelines, so the review and approval process will be highlighted. Ample time will be given for questions and answers so if you are considering using a survey in the future, please come and bring your questions.

Presenters: Chad Cook, UWEX, Jake Blasczyk, Environmental Resources Center and Jordan Petchenik, WDNR

1:45-3:15pm - Room 7 - Lake Organization Capacity Building

Shoreland Zoning in Polk County

With 437 lakes and 300 miles of rivers, Polk County is “water rich”. Since tourism is a major industry, and severe development pressure from the ‘Twin Cities’ metro area continues, it is imperative that land owners lessen their individual impact on water bodies. Polk County has adopted a land-use runoff rating to assist land owners with mitigation efforts. Learn how Polk County is taking steps in the right direction by forming a collaborative effort among citizens, the Board of Adjustments, and the Zoning and Land & Water Resources Departments.

Presenter: Jeremy Williamson, Polk County Land and Water Conservation Department

Restoring Riparian Buffers in Adams County

Chris will describe the recently revised sections of the Adams County Shoreland Protection Ordinance pertaining to lakeshore owners’ buffer restoration compliance and other buffer restoration activities.

Presenter: Chris Murphy, Adams County Land and Water Conservation Department

1:45-3:15pm - Champion’s Club - Working with Citizens for Healthy Shorelands

The Casual Volunteer: A Beginner’s Look at the Citizen Lake Monitoring Network (CLMN) and Clean Boats, Clean Waters (CBCW) Program

Are you concerned about aquatic invasive species (AIS)? Are you interested in protecting your lake from invasives? Have you wondered how to go about monitoring your lake for invasives? Do you wonder what is involved in being a CLMN volunteer or CBCW watercraft inspector? Then this session is for you! Join us at this AIS program overview and find out how you can get involved in monitoring and education as a “casual volunteer.” We will cover the basics of how to prevent the spread of AIS, share AIS identification tips, and explain what to do if you suspect that you have found an invasive plant or animal. If you find that you want to be more than a casual volunteer, you can join the CLMN and CBCW teams and learn more in-depth protection and monitoring details. More thorough training sessions for volunteers are offered statewide, annually. So, come dip your toes into these two AIS prevention activities and see if you would like to jump into the AIS volunteer experience!

Presenters: Laura Herman and Erin McFarlane, UW-Extension Lakes



Wednesday Sessions, cont.

1:45-3:15pm

1:45-3:15pm - Ballroom A1 - Aquatic Invasive Species

Wisconsin's Wetland Gems

In 2009, Wisconsin Wetlands Association announced the designation of Wisconsin's Wetland Gems. Wetland Gems are high quality habitats that represent the wetland riches - marshes, swamps, bogs, fens, and more - that historically made up nearly a quarter of Wisconsin's landscape. This presentation will discuss why this initiative was developed, how the Wetland Gems sites were selected, and the work we are doing to continue to protect and promote these natural treasures.

Presenter: Katie Beilfuss, Wisconsin Wetlands Association

Land Use and Wetlands

The health and beauty of our lakes depends greatly on how wetlands are protected and restored at the local level. This presentation will discuss content of the Wisconsin Wetlands Association's new publication, "A Local Decision Makers Guide to Wetland Conservation." It will help lake leaders discover how wetlands contribute to the economic health, public safety, and quality of life in Wisconsin's communities, how local land use decisions intersect with the federal and state wetland permit process, and practical steps that communities can take to improve wetland protection and restoration at the local level. The session will wrap up with a discussion of ways that citizens and lake leaders can help educate local land use decision makers about the benefits of protecting and restoring wetlands.

Presenter: Kyle Magyera, Wisconsin Wetlands Association

Reversing the Loss: A Strategy to Protect, Restore and Explore Wisconsin Wetlands

Sixteen conservation organizations and governmental agencies came together in 2008 to create a collective vision for Wisconsin wetlands. "Reversing the Loss - A Strategy to Protect, Restore and Explore Wisconsin Wetlands" charts a course these Wisconsin Wetland Team members will follow to achieve that collective vision, and invites other groups and citizens who want to help protect and restore these valuable natural resources to join them. To achieve their vision for Wisconsin wetlands, the Wetland Team developed a 2008-2010 action plan to help guide and prioritize their work over the next two years. At the end of two years the team will evaluate progress toward achieving the plan's eight goals, and prepare a biennial report summarizing accomplishments. Come learn how you can help by getting involved.

Presenter: Cherie Hagen, WDNR

"Only those people that have directly experienced the wetlands that line the shore...can appreciate their mystic qualities."

- Delaware Governor's task force on marine and coastal affairs

Wednesday Concurrent Sessions

3:45-5:30pm



3:45-5:30pm - Ballroom A4 - *Water Quality and Ecological Health Along Our Waterways*

Long Lake Biological Surveys and Using Citizen Science Volunteers

Attend this session to learn about the science-based lake management plan developed by the Long Lake Association in Florence County. Part of the plan includes data collected from three biological surveys. During the 2009 spring through fall season, a bird, frog and toad, and a general plant survey was conducted for the Long Lake Association. Sound scientific information aids in preserving the integrity of lake environments, like shore lines and watersheds. These environments are paramount in maintaining the quality of lake based activities like fishing, swimming, boating, etc. for current users and generations that follow. This session reviews the first year of surveys, some of the protocols used, data collected, significance of this data, the importance and opportunities for citizen science volunteers, and future considerations.

Presenter: Paul Regnier, Door County Nature and Travel

Developing a Citizen-Based Lake Protection Program for the Northern Highlands Ecological Landscape

Several divisions within the WDNR are teaming up in evaluating and establishing comprehensive citizen-based lake monitoring and protection programs within northern Wisconsin. Many lake monitoring programs are currently underway in the region, directed and implemented by WDNR, non-profit, and volunteer organizations. The WDNR team will coordinate this effort through two major objectives: 1) organizing, synthesizing and analyzing data previously collected by both citizen and professional scientists to identify trends, guide future data collection (e.g., are there areas with critical data gaps), help determine how citizen scientists from this point forward should be trained, guide and develop future lake assessment protocols, etc. and 2) developing a new Lake Assessment Protocol to provide planning options for interested lake associations and managers. Come learn how you can participate in this program.

Presenter: Michael Meyer & Kevin Gauthier, WDNR

3:45-5:30pm - Ballroom A2 - *New Knowledge on Shorelands & Shallows*

Shoreland Restoration: How-to Strategies, Installation Tips, and Proven Techniques

Come learn shoreland restoration strategies and techniques from a seasoned professional. Rob Bursik has been consulting and partnering with lakeshore enthusiasts on shoreland restoration projects for over ten years. He has picked up a number of proven strategies and techniques to help make the installation of your restoration project go smoothly and effectively. Rob will share common misconceptions, challenges, and pitfalls shoreland restoration projects face in northern Wisconsin climates and on our lakes. As a business owner who specializes in growing and selling over 300 species of native grasses, herbaceous perennials, ferns, shrubs, and trees, Rob knows his plants. Tap into his knowledge for proper plants to use for rain gardens, wildflower gardening, lake edge restorations, forest recovery plans, and prairie plantings.

Presenter: Rob Bursik, Dragonfly Gardens

Building a Native Plant Program from the Ground Up: The Chequamegon-Nicolet National Forest Experience

Want free native plants? Collect local seeds and grow your own! Learn how the Chequamegon-Nicolet National Forest started a successful native plant program to provide locally-native plant species for re-vegetation needs. This session will include discussion on seeds zones, favorite species, seed collection and storage, and stratification. It will also cover grow stations, site preparations, demonstration gardens, seed production plots, greenhouses, and community connections.

Presenter: Nicole Shutt, USDA Forest Service - Chequamegon-Nicolet National Forest



Wednesday Sessions, cont.

3:45-5:30pm

3:45-5:30pm - Ballroom A2 - *New Knowledge on Shorelands & Shallows, continued*

Native Plant Seed Collecting: Tricks and Tips from a Plant Enthusiast

Are you excited by the idea of planting more native plants into your home landscape? Do you want to learn more about effectively collecting seed from native plants? Then head this way to glean helpful tips from a plant enthusiast on topics such as: deciphering seed collection dates around the state, estimating seed ripeness, storage recommendations, etiquette for selecting seed collection areas, ideas on reaching germination success, examples of popular native species used for shoreland plantings, etc. You might even walk away with some new natives species of seeds that you clean.

Presenter: Patrick Goggin, UW-Extension Lakes

3:45-5:30pm - Ballroom A3 - *Waterfront History, Policy and Regulation*

2010 is Here: Planning Along Wisconsin's Waterways

This presentation will highlight the status of Wisconsin counties with respect to their comprehensive plans and land use regulations in the shoreland zone. We will explore the nature and history of consistency requirements for planning and land use regulations and identify potential issues that can arise when plans and regulations are not consistent, including cases where a community fails to develop or approve a comprehensive plan. Participants in this session will gain insight into the legal basis for consistency requirements and their historic evolution. They will better understand the importance of completing and approving local comprehensive plans that meet state statute requirements and the process for creating plan modifications and updates.

Presenter: Eric Olson, UWEX Center for Land Use Education, UWSP

County Land Use Plan: Making the Waupaca County Comprehensive Plan Work: Implementation Through Intergovernmental Coordination

Waupaca County successfully completed a county-level comprehensive plan in 2007 with 33 of 34 communities adopting plans. The process was designed to build plan documents and coordinate a long term implementation strategy. The plan building process tied the fundamental components of intergovernmental coordination to both local and county implementation responsibilities. Come learn how communities are working together to save money and build local implementation policy through county code revisions. See how planning can lead to results if there is leadership followed by ownership. Hear how one county and its communities are making things happen.

Presenter: John Williams, Foth Infrastructure & Environment, LLC

3:45-5:30pm - Room 6A/6B - *Economics of Shoreland Management*

A Nationally Consistent Approach to Evaluate the Nation's Lakes using Diatom and Littoral-Riparian Habitat Indicators

The National Lakes Assessment of 2007 was conducted to assess multiple parameters of the nation's lakes. This session will discuss how monitoring efforts have relied upon biological data to assess lake conditions. Learn how this biological information is used to draw a complete ecological picture of a lake's condition.

Presenter: Tim Asplund, WDNR Neil Kamman, VT Dept. of Environmental Protection and Richard Mitchell, US EPA

Water Quality in Nearshore Areas of Northern Wisconsin Lakes

Come see how the effects of shoreline development on water quality and nutrient yields in nearshore areas of four lakes in northern Wisconsin were investigated from October 1999 through September 2001. See how this study measured surface runoff and ground-water flows, nutrients and loads from paired developed and undeveloped catchments adjacent to four lakes in northern Wisconsin. Listen as Steven Greb discusses results of this study and explains how these results can be applied to choosing appropriate landscape position for lawns in sloped areas to reduce the adverse effect of lawns on shallow groundwater and the lake.

Presenter: Steven Greb, WDNR



Wednesday Sessions, cont.

3:45-5:30pm

3:45-5:30pm - Auditorium - *The Land and Water Interface*

Structure and Functional Dynamics of Coarse Woody Habitats in Littoral Zones of Lakes

Submerged trees may be important structural habitats for fish and wildlife in the littoral zones of north temperate lakes, but our fundamental understanding of the actual role they play, their natural recruitment patterns, and how to restore these habitats is clearly lacking. The purpose of this presentation is to explore these questions as they relate to a series of research projects. Attend this session for a discussion on how common fish species partition submerged woody habitats and what this means for management options in the future. Gain insights into the value trees have and how they aid in protection, restoration, and enhancement efforts.

Presenter: Mike Bozek, U.S.G.S. Wisconsin Cooperative Fishery Research Unit

Fish Sticks: The Eau Claire Chain Lakes Project

In 2007, Bony Lake (Bayfield County) property owners began a holistic lake shoreline restoration project. Part of this project used whole trees from adjacent upland areas which were placed back into the water after being removed over the years. In 2008, the Eau Claire Conservation Club became involved with the Fish Sticks habitat project by funding and helping to place wood on the shore of willing landowners on Upper Eau Claire Lake. The effort continued in 2009 on Bony, Middle Eau Claire and Upper Eau Claire Lakes. To date, over 750 trees from upland sources have been placed in the Eau Claire Chain of Lakes. This presentation will give a quick history of how citizens have lead during this project. Further, it will discuss how the project was implemented and what lessons were learned along the way.

Presenter: Scott Toshner, WDNR

3:45-5:30pm - Room 5A/5B - *Human Dimensions of Shorelands and Shallows*

Water Star Program

Deep under and around your lake is a world that is hard to fathom. It is the complex world of groundwater, the major source of water to most of Wisconsin's lakes and rivers. Critical to lakes, but often ignored, this vital resource should be studied, understood and managed. This session will explore how the Rock River Coalition, along with several lake groups, took a watershed view of their lake and of regional groundwater flow through the development of a Rock River Basin GFLOW model. This powerful computer model is just one of many steps a lake district or municipality can take to understand and protect groundwater resources. Also described will be a new program called Water Star Community that is working to inspire, guide and recognize municipalities who are taking actions regarding groundwater as well as surface water.

Presenter: Suzanne Wade, UW-Extension and the Rock River Coalition

Protecting and Restoring Shorelands and Shallows: WDNR Grants are Here to Help

Interested in helping shorelands and shallows around your lake but feeling like you don't know where to start? This session will share WDNR grant funding opportunities and example partner projects. Learn about grant options that fund small steps like developing and sharing informational materials, gauging property owner project interest, and developing a plan. Understand how lake protection grants fund larger steps like lakewide ecosystem restorations and land purchases.

Presenter: Pamela Toshner, WDNR



Wednesday Sessions, cont.

3:45-5:30pm

3:45-5:30pm - Room 7 - Lake Organization Capacity Building

The Politics of Lakes: Citizen Participation

In this discussion, we will examine environmental issues facing Wisconsin lakes and then explore different options for citizen participation. The environmental issues touched on will span invasive species, non-point source pollution, PCBs, water supply issues, and climate change. Participation issues will start with gathering information then move to different forms of local, state, federal and, in our case, international, forms of participation.

Presenter: Wendy Scattergood, St. Norbert College

3:45-5:30pm - Champion's Club - Working with Citizens for Healthy Shorelands

Erosion Control Techniques 101

This presentation will focus on identifying various causes of erosion (geologic, vegetative, climatic, hydraulic, and human) and the effect of these factors (runoff, waves, groundwater seeps, freeze/thaw, ice, human access, etc.) on the landscape and shoreline areas. Once the causes of erosion are known, it is then possible to select techniques to help control or eliminate erosion potential. We will share engineering standards, conceptual drawings, material samples, and photographs to depict these techniques and where they are useful and applicable. Design standards, construction efforts, and lessons learned will be discussed. Successes and challenges will be mentioned with each case study.

Presenter: Stacy D. Dehne, DATCP

Erosion Control Techniques in Reservoirs with Fluctuating Water Levels

Come learn how we address shoreline erosion control on WVIC reservoirs, beginning with an Erosion Control Demonstration Project initiated in 1992 at Rainbow Reservoir. See how, based on results from the Rainbow project and subsequent installations over the past 15 years, WVIC has employed many different techniques and combinations that effectively control shoreline erosion. Hear that WVIC has protected more than 6,000 ft. of shoreline over several reservoir shoreline sites. The cost (materials and labor), fish and wildlife compatibility, aesthetics, and amount of bank disturbance caused by the installation and how they differ significantly between techniques will be discussed. Understand how the projects WVIC has completed provide a wide variety of reservoir shoreline erosion control techniques for other users to consider.

Presenter: Cathy Wendt, Wisconsin Valley Improvement Company

Bioengineered Erosion Control at Michigan DNR Boating Access Sites

The Michigan Department of Natural Resources (MDNR) Green Initiative calls for MDNR land managers to promote environmentally-friendly management practices and products on state recreational lands, including boating access sites. Shoreline bioengineering, and associated no-mow zones, forward MDNR goals by: restoring fish and wildlife habitat, reducing mower-generated CO₂ emissions, and reducing Canada goose activity. The Michigan State University Extension Land & Water Unit at Kellogg Biological Station was contracted by MDNR Division of Parks & Recreation to develop and deliver a targeted 1.5-day in-service training on bioengineered shoreline erosion control. This presentation will highlight the outcomes of this educational program, management challenges and recommendations for the future of bioengineering on MDNR boating access sites.

Presenter: Jane Herbert, Michigan State University Extension Land & Water Unit



Wednesday Sessions, cont.

3:45-5:30pm

3:45-5:30pm - Ballroom A1 - Aquatic Invasive Species

EWM Management Strategies on McDill Pond

Learn how management of Eurasian water-milfoil (EWM) in McDill Pond in 2009 involved several intense strategies, including a 12-foot winter drawdown, hand-pulling in the middle of winter, and snorkeling/diving to hand-pull EWM in the summer. Find out how volunteers came to find EWM early on and then initiated management actions quickly. Understand how thanking vigilant volunteers like these can be essential to building a strong AIS program. This presentation will focus on the successes and challenges of the 2009 EWM management at McDill Pond.

Presenters: Paul Skawinski, Regional AIS Education Specialist, Krista Olson, McDill Inland Lake Protection & Rehab, and Scott Provost, WDNR

Coordinating and Evaluating a Successful AIS Control Project

During this presentation, Tim and Eddie will discuss the process they have used to conduct, coordinate, and evaluate successful Eurasian water milfoil and curly-leaf pondweed control projects on Wisconsin lakes. Methods for creation and monitoring of treatments will be presented along with brief case studies of successful projects from northern and central Wisconsin lakes. Learn how conducting a successful AIS control program begins with the collection of proper baseline information and creation of a realistic plan. See that once a control strategy is devised and implementation begins, the continued monitoring of the target AIS and evaluation of treatment effectiveness are critical in achieving long-term success.

Presenters: Tim Hoyman, Onterra LLC & Eddie Heath, Onterra LLC

Wednesday Evening

6:00-7:30pm - Meeting Room B

Wisconsin Lakes Stewardship Banquet & Awards Ceremony

Please join us in celebrating the 2010 Wisconsin Lake Stewardship Award winners and new nominees at our banquet and awards ceremony on Wednesday evening. The Wisconsin Lakes Partnership presents the annual Lake Stewardship Awards to recognize the extraordinary volunteer and professional efforts to protect and improve our lakes. People are nominated for Stewardship Awards by their peers — what a meaningful way to say, “Thank you!” to the people in your community who work so hard to care for our lakes. Winners of these awards join a select group of women, men, students, and organizations whose unmatched dedication, vision, and commitment ensure that Wisconsin’s legacy of lakes will be safe and secure for generations to come. Stick around for this year’s multi-media production, titled “Welcome to the Neighborhood”.

Congratulations 2010 Wisconsin Lake Stewardship Award Winners!

Citizen: Earl Cook

Group: Florence County Lakes and Rivers Association

Public Service: Carolyn Scholl

Youth: Boy Scout Troop 1035

7:30-11:00pm - Meeting Room B

“Movies After 8” - Free refreshments & snacks sponsored by Aquarius Systems.

The Wisconsin Lakes Partnership has selected several top award-winning films from the International Wildlife Film Festival to present at the 2010 Wisconsin Lakes Convention. Become entranced by the frogs, leap with the Asian carp, explore the waters with the salmon, think like a watershed and learn more about climate change.





Thursday Workshops

9:00am-12:00pm

8:30am meet in front of the registration desk to board bus

Lake Data on the Web ~ *pre-registration required ~ Workshop is full*

Interested in finding lake data on the web or producing maps for a report, newsletter or presentation? Want to report your Clean Boats, Clean Waters, Citizen Lake Monitoring Network or LoonWatch data online? Join us for this hands-on workshop and learn how to enter your lake data into the statewide database (SWIMS). Find out what's new on the Wisconsin Department of Natural Resources (WDNR) and University of Wisconsin - Extension Lakes websites and discover how to create maps with the WDNR's Surface Water Data Viewer. You'll be able to produce professional looking maps using tools available online.

Presenters: Jennifer Filbert, Lake Data Specialist, WDNR, Maud LaMarche, Database & Web Site Specialist, UWEX Lakes

9:00am-12:00pm - Room 6A/6B

Citizen Lake Monitoring Network (CLMN) Training

Are you concerned about aquatic invasive species? Are you willing to put in the time to monitor your lake and enter the data into the statewide database? If so, this is the workshop for you. Join us at the aquatic invasive species monitoring workshop. You will learn how to identify aquatic invasive species, receive ideas on how to organize an effective monitoring team, learn where and when to look for the invasives, find out what to do if you suspect that you have found an invasive plant or animal, and learn how to input your data into a statewide aquatic invasive species database. You will take home the following: a manual covering the aspects you learned at the workshop, user-friendly identification keys (such as watch and wild cards, pamphlets, laminates, etc.), a hand lens for looking at the smaller identification characteristics, collection bags, and, most importantly, the confidence to go out and begin monitoring yourself! Your take-home items and newfound confidence will help you to share your knowledge with all your fellow lake lovers and track your data in a statewide database system.

Presenters: Laura Herman, UWEX Lakes, Jay Schiefelbein and Brenda Nordin, WDNR

9:00am-12:00pm - Auditorium

County Lakes and Rivers Associations Roundtable

Join us for a roundtable exchange with representatives of county lakes and rivers associations. Others involved in county matters or interested in learning more about county wide association operations are welcome too. This roundtable is an opportunity to network with your peers in an informal setting and bring forward topics that you would like to discuss. Does your organization have an exciting project, success story, or helpful resources to share? We'd also like to hear your perspectives on current issues and challenges your county's lakes and rivers face. Plus, we'll explore ways to collaborate regionally on issues that affect our waters.

Workshop Facilitator: Earl Cook, President, Wisconsin Association of Lakes

9:00am-12:00pm - Champion's Club

Partnering for Water Quality: Protecting Shorelands and Shallows in Burnett County

Burnett County has led the way over the last few decades in protecting shorelands and shallows with innovative programs, incentives, ideas and research. Come hear how they did it! Learn about unique ways to protect and rehabilitate shorelands through local policy, cost-share programs, partnerships with lake groups, and other strategies.

Presenter: Dave Ferris, Burnett County Land and Water Conservation Department

Thursday Workshops, cont.



9:00am-12:00pm

9:00am-12:00pm - Ballroom A4

Shoreline Erosion Control Techniques 101

Do you have shoreline erosion issues on your property? Are you looking for effective solutions? This presentation will focus on identifying various causes of erosion (geologic, vegetative, climatic, hydraulic, human) and the effect of these factors (runoff, waves, groundwater seeps, freeze/thaw, ice, human access, etc.) on the landscape and shoreline areas. Once the cause(s) of erosion are known, it is then possible to select techniques to help control or eliminate erosion potential. We will share engineering standards, conceptual drawings, material samples, and photographs to depict these techniques and where they are useful and applicable. Design standards, construction efforts, and lessons learned will be discussed. Successes and challenges will be mentioned with each case study.

Presenters: Stacy Dehne, DATCP and Carolyn Scholl, Vilas County Land & Water Conservation Department

9:00am-12:00pm - Ballroom A3

Learning from the National Lakes Assessment: What's Next for Wisconsin Lakes?

The National Lakes Assessment (NLA) is a five-year recurring assessment of lake conditions. The latest data reveals that shoreline disturbance and associated habitat alterations are a very consequential issue of national importance. How do we use this new information to renew our policies, enhance our education programs, and work on partnerships to better our lakes? Come to this event, and we will provide you with ideas and thoughts on what we should be doing to apply this latest research to our lake work statewide.

Presenters: Tim Asplund and Paul Garrison, WDNR, Neil Kamman, VT Dept. of Env. Cons., and Richard Mitchell, US EPA

9:00am-12:00pm - Ballroom A2

Propagating Native Plants for Shoreland Restoration: Strategies, Tips & Proven Techniques

Come learn shoreland restoration strategies and techniques from a seasoned professional. Rob Bursik with Dragonfly Gardens in Amery, WI has been consulting and partnering with lakeshore enthusiasts on shoreland restoration projects for over ten years. During that time period, he has picked up a number of proven strategies and techniques to help make the installation of your restoration project go smoothly and effectively. He will share some of the common misconceptions, challenges, and pitfalls shoreland restoration projects face in northern Wisconsin climates and on our lakes. Also, as a business owner who specializes in growing and selling over 300 species of native grasses, herbaceous perennials, ferns, shrubs, and trees, Rob knows his plants. Tap into his knowledge for proper plants to use for rain gardens, wildflower gardening, lake edge restorations, forest recovery plans, and prairie plantings.

Presenter: Rob Bursik, Dragonfly Gardens

9:00am-3:00pm - Ballroom A1 - ALL DAY WORKSHOP

Lake District Commissioner Training

Do you feel a little unsure about your role as a lake district commissioner? Whether you are new to your lake district or a seasoned lake district commissioner, this workshop will help you sort through the requirements of being a commissioner and operating a lake district. Topics covered include: how to comply with open meetings and open records requirements, running board meetings and annual meetings, voting requirements, and communicating with members. In addition, we will also cover lake district budget specifics, bookkeeping practices, and funding methods, including mill levies, special charges, and special assessments. Participants will receive a copy of "People of the Lakes: A Guide for Wisconsin Lake Organizations," and have a chance to examine and discuss its contents.

Presenters: Judy Jooss, a County Supervisor and Jeff Thornton, Southeast Wisconsin Regional Planning Commission



Thursday Concurrent Sessions

1:30-3:00pm

1:30-3:00pm - Ballroom A4 - *Water Quality and Ecological Health Along Our Waterways*

Techniques Used in Measuring Groundwater in a Lake

Come see how groundwater is a source of water, minerals, and potential contaminants to many of Wisconsin's lakes. Learn the contributions that groundwater makes relative to the overall water budget of a lake, and how they can vary by lake type, soil, and geology. Hear about a study of Mirror Lake in Waupaca County which revealed that the diversion of surface water runoff away from the lake resulted in groundwater contributing more than 80% of the lake's water budget. This talk will cover methods that can be used to learn about the quality of groundwater that is feeding a lake and where groundwater is entering/leaving a lake. By knowing this information you may provide insight into actions that could improve lake water quality. Areas identified with significant groundwater inflow to a lake may be considered "critical" and protected by purchase of conservancy easements, changes in zoning, and/or education of landowners.

Presenter: Nancy Turyk, Center for Watershed Science and Education, UWSP

Community Well Water Testing: What We've Learned from 20 Years of Testing

While many private wells in Wisconsin provide safe drinking water, learn how some exceed the drinking water standard for nitrate, are bacteriologically unsafe, or have detectable levels of pesticides. Come to hear how, for 20 years, the Center for Watershed Science and Education has conducted community drinking water programs all across Wisconsin, an example of citizen monitoring at its best. In this session, we will show how the water test results have been used to identify local groundwater concerns, present a case study that illustrates the effects of land-use and geology on groundwater quality, show how routine testing by well owners can help to identify trends in groundwater quality, and lastly illustrate how increased knowledge generated by this program has enhanced groundwater management capacity in local communities.

Presenter: Kevin Masarik, Center for Watershed Science and Education, UWSP and UWEX

You, Your Lake and Groundwater

Both you and your lake depend on groundwater. In this presentation, we'll take a look at this mysterious substance. We'll examine the journey of groundwater from rain to lake. We'll explore how the changes to chemistry that result from the atmosphere, rocks and soil, and even our household use can change groundwater. Finally, we'll examine how those changes might be important to our lake and what we can do to help.

Presenter: Paul McGinley, Center for Watershed Protection and Education, UWSP

2010

Wisconsin
Lakes Convention
Planning Team

Thank You!

Tim Asplund
Kim Becken
Jeff Bode
Gregg Breese
Earl Cook
Kevin Gauthier
Patrick Goggin
John Haack
Laura Herman
Susan Knight
Robert Korth

Amy Kowalski
Maud LaMarche
Carol LeBreck
Erin McFarlane
Eric Olson
Carroll Schaal
Cari Schmitz
Carolyn Scholl
Buzz Sorge
Meghan Stranz
Susan Tesarik

Jeff Thornton
Jim Vennie
Karen von Huene





Thursday Sessions, cont.

1:30-3:00pm

1:30-3:00pm - Ballroom A2 - *New Knowledge on Shorelands & Shallows*

Rush Lake: Restoration of a Deep Water Marsh

Rob McLennan, a watershed supervisor in the Upper Fox River Basin, will discuss restoration efforts on Rush Lake, a once highly degraded deep water marsh, impounded by a dam on the lake's outlet stream. See how recently the ecological health of Rush Lake became severely degraded due to human-induced, artificially stable water levels and the action of rough fish. Learn how this resulted in severe declines of bulrush and other aquatic plants, water quality, and the fish and wildlife communities of the lake. Hear how in 2000, local concerned citizens and representatives from local, state and federal governments began meeting to discuss the problems and solutions for Rush Lake. The session will cover implementation of a drawdown and other management actions which have resulted in restoration of aquatic habitat and water quality, and the status of Rush Lake as a premier waterfowl hunting destination.

Presenter: Rob McLennan, WDNR

Shoreland Restoration: Getting to the Roots of the Issue

This session will explore the collective wisdom, discoveries and new directions of specialists in shoreland restorations. Attendees will learn what to include in a site evaluation and how to treat the shoreline as a system and bioengineering tricks-of-the-trade. This session will also cover plant selection - the littoral root of shoreland restoration success (pun intended). New research on the social dynamics of the shoreland site owner, neighborhood and local units of government will also be highlighted.

Presenter: Mary Blickenderfer, University of MN Extension

1:30-3:00pm - Ballroom A3 - *Waterfront History, Policy and Regulation*

Water Law and Policy Updates

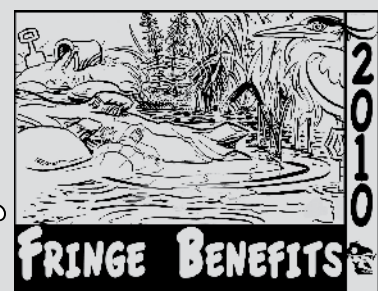
This session will highlight current legislative activity important to Wisconsin's lakes. It will touch on proposed legislation to reform State groundwater laws, new statewide shoreland management rules, and bills passed this Session on nutrient management and boating regulation. Important court cases that the Wisconsin Association of Lakes is involved in and/or tracking will also be discussed.

Presenter: William O'Connor, attorney with Wheeler, Van Sickle & Anderson, S.C.

This year there are four blocks of concurrent sessions arranged by the following topics, which we call "streams." Follow a stream throughout the convention, or stay along the "fringes" and visit sessions in all the streams!

Streams

- Water Quality & Ecological Health Along Our Waterways**
- New Knowledge on Shorelands & Shallows**
- Waterfront History, Policy and Regulation**
- The Economics of Shoreland Management**
- The Land and Water Interface**
- Human Dimensions of Shorelands and Shallows**
- Lake Organization Capacity Building**
- Working with Citizens for Healthy Shorelands**
- Aquatic Invasive Species**



RESTORING WISCONSIN SHORELANDS & SHALLOWS



Thursday Sessions, cont.

1:30-3:00pm

1:30-3:00pm - Room 6A/6B - Economics of Shoreland Management

The Behavior and Lake Services Valuation of Shoreline Residents in Vilas County

What would you be willing to pay for increased water clarity, green frog conservation, open space, control/prevention of invasive species, and increased fishing quality? We will take a look at what folks in Vilas County said in response to this non-market valuation analysis. This type of valuation and the perceived economic benefits of lake amenities, including resident's lake knowledge and behavior may be useful to government and community organizations seeking to stimulate cooperative effort to maintain or improve lake health.

Presenter: Kathryn G. Anderson, UW-Madison Center for Limnology/ Agriculture and Applied Economics

Youth Protecting Wisconsin Waters: The Department of Workforce Development Boat Inspection Initiative

In the summer of 2009, an increase in watercraft inspectors was made possible by a new project and partnership with the Wisconsin Department of Workforce Development. Forty-nine young adults who were unfamiliar with aquatic invasive species (AIS) or outreach efforts were given the opportunity to become educators and help protect Wisconsin's lakes by working as inspectors. With the support of numerous partner organizations and outstanding supervisors, these young adults, known as the Water Force, conducted boat inspections in 23 counties. Many of them gained valuable work experience and insight into their career interests, while lakes with an AIS presence gained some much needed boat inspections. Join us to learn how our partnerships were key in the evolution of the Water Force project and discover what lessons were learned for future inspection efforts.

Presenters: Jeff Bode, WDNR and Erin McFarlane, UW-Extension Lakes

1:30-3:00pm - Auditorium - The Land and Water Interface

What Changes in Lakes as Water Levels Decline?

Buzz will explain how a combination of lake type, geography, weather and human use has led to particularly low water levels in some Wisconsin lakes. He will provide us with examples of the drought effect on four types of lakes based on water source and type of outflow: seepage, groundwater drainage, drainage, and impoundment. Buzz will also highlight chemical ratios of nitrogen and phosphorus and how they can affect water clarity of lakes, with increasing phosphorus leading to more algae production.

Presenter: Buzz Sorge, WI DNR

Changes in Habitat with Declining Water Levels

As lake levels decline, some floating and submersed aquatic plants will be stranded above the water line and, at the same time, may grow deeper into the lake basin. Dead wood, important habitat for algae, fish and invertebrates, will be stranded above the shoreline and no longer a part of the lake food web. Sedges and other land plants may colonize newly exposed shorelines, but this new real estate will also be prime habitat for terrestrial invasive species. This session will detail the changes in lake ecosystems as the water levels drop and how humans should treat these fragile habitats with care.

Presenter: Susan Knight, WDNR and UW-Madison Center for Limnology

Declining Water Levels in Northern Wisconsin's Lakes: Natural Variations and the Implications of Climate Change

The recent unusually dry weather patterns have made low lake levels particularly noticeable. This session will discuss larger forces that are also at work on our lakes: climate change, water use and land use changes. Snow cover, rainfall, seasonal average temperatures, individual lake characteristics, and our society's water use all play a role. Providing an overview of factors affecting lake levels in northern Wisconsin, this seminar will suggest strategies for adapting to a changing climate.

Presenter: Tim Asplund, WDNR



Thursday Sessions, cont.

1:30-3:00pm

1:30-3:00pm - Room 5A/5B - Human Dimensions of Shorelands and Shallows

Winnebago County Conservation Expo: Selling Shoreland Stewardship to a Wider Audience

During this session Keith Marquardt will share experiences and information he has learned coordinating the Winnebago County Conservation Expo. His presentation will cover the genesis, planning, coordinating, implementation, and results of the past three Expos (2007-2009). The Expo is designed to inform, educate, provide resources, and most importantly, engage the general public in water quality issues and promote conservation practices. The Expo's message is that conservation can be done by everyone and that relatively simple practices are economical and effective at improving our water resources.

Presenter: Keith Marquardt, Winnebago County Land and Water Conservation Department

Lake Fairs: A Great Way to Engage the Public

The Lac du Flambeau Tribe began hosting annual lake fairs in the Lac du Flambeau community beginning in 1996. Every year since, they have brought together families, agency personnel, tribal representatives, musicians, artists, and others to celebrate lakes and their importance to local life and culture. So why do they still do it? Come find out how the lake fairs pay dividends by building partnerships, linking people together with common lake interests, and sharing cultural history and the arts between diverse neighbors.

Presenters: Brian Gauthier, Lac du Flambeau Tribe/UWEX Vilas County, Bryan Hoover and John Brown, Lac du Flambeau Tribal Natural Resources Department

1:30-3:00pm - Room 7 - Lake Organization Capacity Building

Clark Lake Watershed Study: Building Partnerships to Achieve Protection Goals

In this session we will look at an example from the Clark Lake Advancement Association (CLAA) to learn about the steps involved in successfully carrying out a comprehensive lake and watershed study and subsequent management plan. CLAA used a series of WDNR lake planning grants over several years to stage out their planning process. Their project began with a survey to identify key issues that were important to the lake community. In Clark Lake's case it was water quality, boating in shallow waters, loss of bulrushes, and watershed management. No one lake organization can do it alone, as issues are complex, and solutions impact more than just lake residents and lake organizations. Find out how CLAA engaged others in the community to resolve complex issues and share in solutions.

Presenter: Paul Schumacher, Clark Lake Advancement Association/Wisconsin Association Lakes Board

Rock River Coalition

The Rock River Coalition (RRC) was responsible for bringing together 17 municipalities and organizations to support development of a regional groundwater flow model for the Rock River Basin. This model, called GFLOW, was developed by the U.S. Geological Survey (USGS), in cooperation with RRC, to simulate the groundwater flow system and groundwater/surface water interaction. The objectives of the regional model were to improve understanding of the groundwater flow system and to develop a tool suitable for evaluating the effects of potential regional water management programs.

Presenter: Joseph Dorava, Vierbicher Associates Inc.



Thursday Sessions, cont.

1:30-3:00pm

1:30-3:00pm - Champion's Club - Working with Citizens for Healthy Shorelands

Engaging Citizen Volunteers in Water Monitoring

Come see how streams and wetlands are rich in near shore habitat. Learn how volunteer monitors in Wisconsin assess the presence and condition of these assorted waterbody types. Hear how over the past 12 years they have conducted water and habitat monitoring, and/or amphibian and macroinvertebrate assessments, at more than 600 sites statewide. We'll talk about the Water Action Volunteers Program, the types of monitoring that citizens are conducting in this program, their findings, how their monitoring is related to shoreland issues, and what the future may hold for monitoring efforts in our streams and wetlands.

Presenter: : Kris Stepenuck, UW-Extension

The Michigan Inland Lakes Partnership: Promoting Collaboration to Advance Stewardship Statewide

Hear how Michigan has more than 11,000 inland lakes and that most are high quality resources which are highly valued by society for recreation and as places to live. See how these cultural demands place significant stresses upon these ecosystems, often resulting in undesirable changes. Come to learn how the large number of lakes, coupled with limited management funds and staff, necessitates innovative management approaches - one such approach is a partnership. Come to this session to learn about the Michigan Inland Lakes Partnership (MILP) efforts, what they engage in, who is in the partnership, how they communicate and operate, and where they are heading in the future to help protect Michigan lakes.

Presenter: Dr. Jo A. Latimore, Michigan State University, Dept. of Fisheries & Wildlife

If you're looking for someone to help answer your questions, or just trying to find a new friend, check the ribbons on the name tags around you.

- Light Blue ... Volunteer
- Kelly Green ... WDNR Aquatic Plants
- Blue ... WDNR Lakes Coordinator
- Purple ... Convention Staff
- Black ... Wisconsin Association of Lakes Board Members
- Silver ... Wisconsin Association of Lakes Members
- Forest Green ... Exhibitor
- Red ... Speaker
- Teal ... Lake Leader
- Lime Green ... Newcomer
- Hot Pink ... Press
- Maroon ... Lake Stewardship Award Nominees and Winners

Look for the Ribbon





CLEARLY

making a difference for

Wisconsin Lakes

Volunteering for 20 years with the same group is a big deal! Recording water quality data, looking for invasive species, and recording native aquatic plant information on a lake for that length of time reflects on hundreds, even thousands, of hours on the lake. In many cases, the volunteer data is the only data that exists for that waterbody. This baseline lake data is extremely important. How can we track climate change, water quality changes and aquatic plant community changes if we don't know where we started? Volunteers act as sentinels on the lake – watching for changes and educating their neighbors and the general public.




So, to each volunteer, from all of us, we would like to extend a heartfelt THANK YOU!

Twenty-year volunteer monitors since 1990:

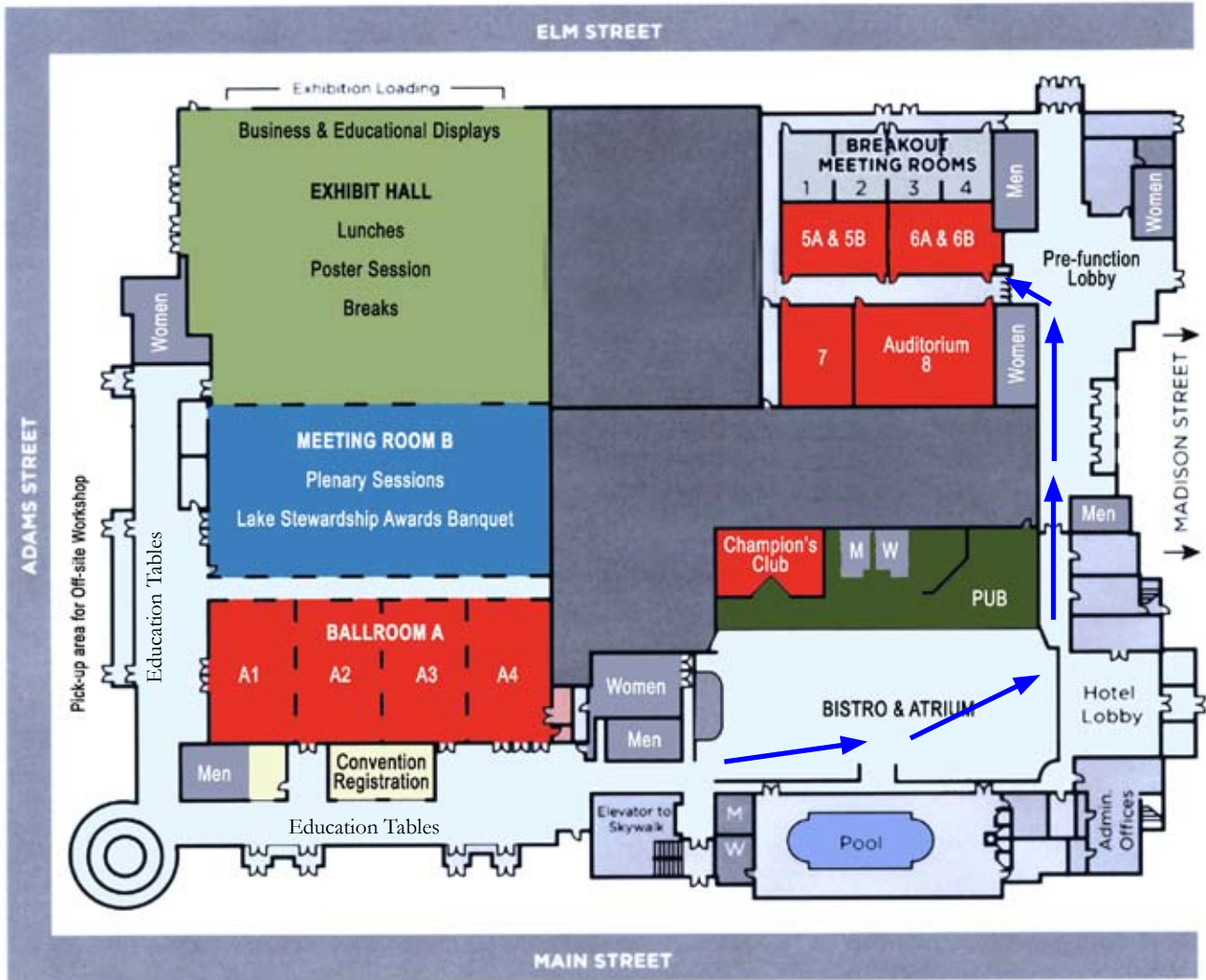
- Jim Merkowitz** – High Lake, Vilas County (734 acres, 31 feet maximum depth)
- Ken and Darlene Fiske** – Adelaide Lake, Vilas County (60 acres, 69 feet maximum depth)
- Dave Opsteen** – Rose Lake, Langlade County (112 acres, 24 feet maximum depth)
- Paul Schumacher** – Clark Lake, Door County (868 acres, 25 feet maximum depth)
- Walt Hallen** – Ashippun Lake, Waukesha County (84 acres, maximum depth 40 feet)
- Dianne Brown** – Wazeecha Lake, Portage County (148 acres, maximum depth 20 feet)
- Robert Tiede** – Sissabagama Lake, Sawyer County (719 acres, maximum depth 48 feet)
- Patrick Perkins** – Bass Lake, Washburn County (144 acres, maximum depth 31 feet)

Interviews from past and present 20-year volunteers can be found on the UWEX Lakes website (www.uwsp.edu/cnr/uwexplakes), on the Convention 2010 Archive and CLMN pages.

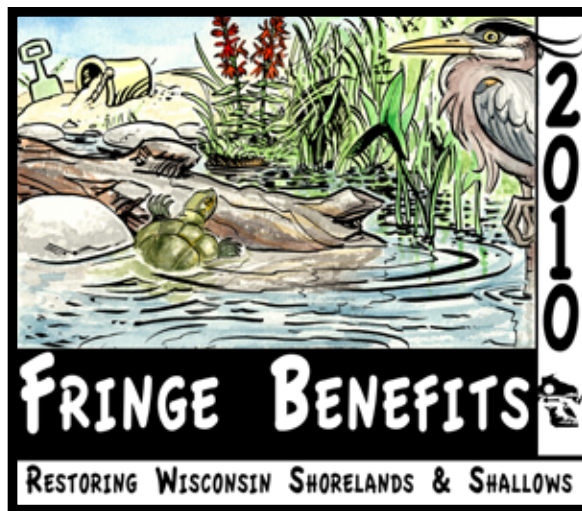
For lake information any time of the year, see:

	<p>UWEX-Lakes: www.uwsp.edu/cnr/uwexplakes</p>
	<p>Wisconsin Association of Lakes: www.wisconsinlakes.org</p>
	<p>WDNR: www.dnr.state.wi.us</p>

Hotel Sierra and KI Convention Center



→ follow blue arrow to
Rooms 5A-5B, 6A-6B, 7 & Auditorium



For archived information following the 2010 Wisconsin Lakes Convention, go to
www.uwsp.edu/cnr/uwexplakes/conventions