



35th Annual

2013 WISCONSIN LAKES PARTNERSHIP CONVENTION

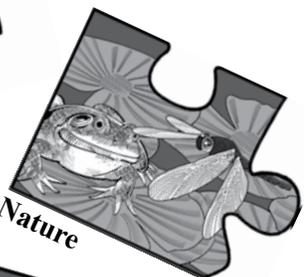
Agenda



WE'RE ALL IN THIS TOGETHER
Celebrating Diversity

Welcome

to the 35th Annual Wisconsin Lakes Partnership Convention



People caring for the legacy of Wisconsin lakes through science, education and citizen involvement constitute the Wisconsin Lakes Partnership. The participants of this annual convention reflect the diverse ways that we care about our thousands of wonderful lakes. Some of us are anglers who know that a healthy fishery is only possible with healthy lakes. Some of us are parents, whose children joyfully splash in the water each summer - water so clear that they can easily see their toes. Others are just quiet folk who appreciate the scenic beauty and restorative quality that a day of wave watching affords. We come from big cities, quaint villages, and rural towns. Some work professionally on lake issues, while others are the volunteer backbone of our monitoring and management partnerships. Some convention participants are fixtures, they've been coming to this annual gathering so long that it would not be the same without them! Many others are here for the first time, unsure exactly what they're getting into but pleasantly finding that in Green Bay, they are among friends. **Welcome to the 35th annual Wisconsin Lakes Partnership Convention!**

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Agenda subject to change without notice.



Convention At-A-Glance

Agenda subject to change

Tuesday Pre-convention Workshops

<u>TIME</u>	<u>LOCATION</u>	<u>EVENT</u>
8:00am-5:00pm	Convention Lobby	Registration Open
2:30-6:00pm	Exhibit Hall	Exhibits Open
9:00am-12:00pm	Breakout Rooms	Morning Pre-convention Workshops
10:15-10:45am	Convention Lobby	Refreshment Break
12:00-1:30pm		Lunch on your own
1:30-4:30pm	Breakout Rooms	Afternoon Pre-convention Workshops
2:30-3:00pm	Exhibit Hall	Refreshment Break
4:45-5:45pm	Breakout Rooms	Special Technical Sessions
5:45-7:00pm		Networking Time (dinner on your own)
<i>EVENING EVENT</i>		
7:00-11:00pm	Titletown Brewing Company	WI Lakes Partnership Welcome Reception (included with Wednesday registration)

Wednesday

6:30-7:30am	Meeting Room 3	Sunrise Yoga
7:30am-5:00pm	Convention Lobby	Registration Open
7:30am-6:00pm	Exhibit Hall	Exhibits Open
8:00am-8:50am	Breakout Rooms	Sunrise Concurrent Breakout Sessions
9:00am-10:45pm	Meeting Room B	Welcome, Digital Production, and Keynote Speaker Dr. David E.J. Garman
11:00am-12:00pm	Exhibit Hall	Poster Presentations & Networking
12:15-1:30pm	Exhibit Hall	Lunch & Keynote Speaker Ken Johnson
1:45-2:25pm	Breakout Rooms	Concurrent Breakout Sessions
2:35-3:15pm	Breakout Rooms	Concurrent Breakout Sessions
3:15-3:45pm	Exhibit Hall	Refreshment Break
4:00-5:00pm	Breakout Rooms	Concurrent Breakout Sessions
5:00-6:00pm	Exhibit Hall	Networking time
6:00-8:00pm	Meeting Room B	Lake Stewardship Banquet & Awards Ceremony (All participants welcome)
<i>EVENING EVENT</i>		
8:00-11:00pm	Pre-function Lobby	Lakes Partnership After Hours: Song Swap/Poetry Slam

Thursday

6:30-7:30am	Meeting Room 3	Sunrise Yoga
7:30am-1:30pm	Convention Lobby	Registration Open
7:30am-1:30pm	Exhibit Hall	Exhibits Open
8:00-8:40am	Breakout Rooms	Sunrise Concurrent Breakout Sessions
8:50-9:50am	Breakout Rooms	Concurrent Breakout Sessions
9:50-10:20am	Exhibit Hall	Refreshment Break
10:30-11:30am	Breakout Rooms	Concurrent Breakout Sessions
11:45am-1:15pm	Exhibit Hall	Lunch & Keynote Speaker Dr. Mamie Parker
1:30-2:30pm	Breakout Rooms	Special Sessions
2:45-4:00pm	Meeting Room B	“Take Action” Keynote Speaker Allison Argo and Closing statements

The Wisconsin Lakes Partnership Convention concludes by 4:00 pm on Thursday, April 11, 2013.



Tuesday Agenda

April 9, 2013

Registration Open ~ 8:00 am-5:00 pm
Convention Center Lobby

Transportation and lunch on your own.

Morning Pre-convention Workshops

	Ballroom A3	Ballroom A4	Room 5B	Room 6A/6B
9:00 am-12:00 pm	Shoreland Property Management and Erosion Control <i>Scholl</i> <i>Dehne</i>	Limnology 101: So You Want To Understand Lakes? <i>Sorge</i> <i>Cunningham</i> <i>Garrison</i> REPEATED	DIY Lake Monitoring Gear <i>Herman</i> REPEATED	Name That Plant! Aquatic Plant ID <i>Knight</i> <i>Nault</i> <i>Wagner</i> <i>Barton</i> REPEATED
10:15-10:45 am	Refreshment Break in Convention Lobby			
12:00-1:30 pm	Lunch on your own			

Afternoon Pre-convention Workshops

	Ballroom A1	Ballroom A2	Ballroom A3	Ballroom A4	Room 5B	Room 6A/6B
1:30-4:30 pm	Restoring Ecological Health to Your Land (for large parcel owners) <i>Haney</i> <i>Apfelbaum</i>	Countywide Lake Org. Roundtable <i>Wisconsin Lakes</i>	Exploring Civic Engagement <i>Kolze</i> <i>Radke</i>	Limnology 101: So You Want To Understand Lakes? <i>Sorge</i> <i>Cunningham</i> <i>Garrison</i>	DIY Lake Monitoring Gear <i>Herman</i>	Name That Plant! Aquatic Plant ID <i>Knight</i> <i>Nault</i> <i>Wagner</i> <i>Barton</i>
2:30-3:00 pm	Refreshment Break in Exhibit Hall					

Special Technical Sessions

	Ballroom A1	Ballroom A2	Ballroom A3	Ballroom A4	Meeting Room B1
4:45-5:45 pm	Harmful Algal Blooms in Wisconsin Waters 2009-2012 <i>LaLiberte</i> <i>Wollenburg</i>	Aquatic Plant Management Permitting <i>Schaal</i> <i>Provost</i>	QA & QC for CLMN <i>Grabam</i> <i>CLMN Coordinators</i>	Inspection, Operations, and Maintenance Plans for Dam Owners: A Guide and Template <i>Anderson</i> <i>Sturtevant</i>	CoCoRaHS: Because Every Drop Counts! <i>Wolf</i>
5:45-7:00 pm	Networking Time (dinner on your own)				
7:00-11:00 pm	Wisconsin Lakes Partnership Convention Welcome Reception Tittletown Brewing Company				

Tuesday Agenda



Exhibits Open ~ 2:30 pm-6:00 pm
Exhibit Hall

April 9, 2013

Transportation and lunch on your own.

Morning Pre-convention Workshops, continued

	Meeting Room B2	Meeting Room B1	Off-site GB Metro
9:00 am-12:00 pm	Techniques for Manual Removal of EWM <i>Skawinski</i> <i>Hamerla</i> REPEATED	ALL-DAY WORKSHOP 9:00 am - 4:30 pm Lake District Commissioner Training <i>Thornton</i> <i>Jooss</i>	TOUR Green Bay Metropolitan Sewerage District Operations: NEW Water <i>Green Bay Metro Sewerage District Staff</i>
10:15-10:45 am	Refreshment Break in Convention Lobby		
12:00-1:30 pm	Lunch on your own		

Afternoon Pre-convention Workshops, continued

	Room 7	Meeting Room B2	Meeting Room B1	Auditorium	Off-site UWGB	Off-site Bay Beach
1:30-4:30 pm	Variances, Appeals, and Water Resources: Navigating the BOA <i>Roberts</i>	Techniques for Manual Removal of EWM <i>Skawinski</i> <i>Hamerla</i>	ALL-DAY WORKSHOP <i>Continued</i> LD Commissioner Training <i>Thornton</i> <i>Jooss</i> Concludes at 4:30 pm	Lake Data on the Web <i>Filbert</i> <i>Jordan</i> <i>Haber</i> <i>Wiese</i>	Using GIS and the Web to Monitor and Communicate Shoreland Health <i>McFarlane</i> <i>Miskowiak</i>	Connecting Youth with Nature; Cast A Line; Lakes in a New Light <i>Diedrich</i> <i>Anderson</i> <i>Thwaits</i> <i>Nelson</i>
2:30-3:00 pm	Refreshment Break in Exhibit Hall					

What's this new format?

This year we are offering a 2-day convention (Wednesday, April 10 - Thursday, April 11) with pre-convention workshops and special technical sessions on Tuesday, April 9. Some workshops are available both in the morning and the afternoon, allowing you to either use the morning for travel or participate in two workshops. This new format allows us to lower convention costs, yet continue to offer hands-on, interactive workshops as a pre-convention option.

You're Invited!

Join us

Welcome

- What:** 2013 Wisconsin Lakes Partnership Convention Welcome Reception
- Where:** Titledown Brewing Company (across the river)
- When:** Tuesday, April 9 **Time:** 7:00-11:00 pm
- Why:** Get inspired by Lake Leaders graduates and other lake enthusiasts - read more on page 12
- How:** Free shuttle from KI Convention Center (check at registration desk for pick-up times).
- Note:** Included as part of your Wednesday convention registration
A generous spread of appetizers will be served.



Wednesday Morning Agenda

April 10, 2013

Registration Open ~ 7:30 am-5:00 pm
Convention Center Lobby

6:30-7:30 am Sunrise Yoga in Meeting Room 3 ~ *Quita Sheehan* page 14

Concurrent Sessions

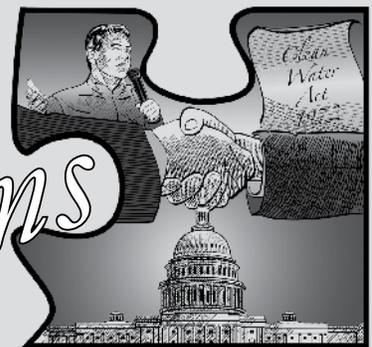
	Ballroom A1 People, Policy & Politics	Ballroom A2 Aquatic Invasive Species	Ballroom A3 Native Plants & Animals	Ballroom A4 Water Quality, Watersheds & Groundwater
8:00-8:50 am	Selecting the “Right” Lake Organization for Your Community <i>Thornton</i> page 14	Rapid Response and Control of Policeman’s Helmet <i>(Impatiens glandulifera)</i> <i>Motquin</i> Eradication of Ambitious Architects: The Red Swamp Crayfish (<i>Procambarus clarkii</i>) in three SE Wisconsin Ponds <i>Bunk</i> page 14	Native Mussel Monitoring in Eau Claire County <i>Mares</i> page 14	Using Aquatic Plant Surveys to Evaluate Lake Health <i>Evans</i> History in the Mucking <i>Garrison</i> page 15
9:00-10:45 am	Welcome & Plenary Session - Meeting Room B We’re All In This Together: Celebrating Diversity Welcome to the 2013 Wisconsin Lakes Partnership Convention! “We’re All In This Together: Celebrating Diversity” digital production Kick-off Keynote Speaker ~ <i>Dr. David E.J. Garman</i> speaker descriptions - page 12			
11:00 am-Noon	Poster Session in Exhibit Hall Refreshment Break from 10:30-11:00			
12:15-1:30 pm	Lunch in Exhibit Hall ~ Keynote Speaker Ken Johnson page 12			

Wednesday Afternoon Schedule on pages 8-9

This year’s convention includes seven blocks of concurrent sessions arranged by the following topics, which we call “streams.” Follow one stream throughout the convention or diversify your knowledge and attend sessions from many streams.

- People, Policy & Politics
- Aquatic Invasive Species
- Native Plants & Animals
- Water Quality, Watersheds & Groundwater
- Cultural Aspects of Lakes
- Lake Habitat & Biology
- Scientific Lake Research

Streams





Wednesday Afternoon Agenda

April 10, 2013

Registration Open ~ 7:30 am-5:00 pm
Convention Center Lobby

Concurrent Sessions				
	Ballroom A1 People, Policy & Politics	Ballroom A2 Aquatic Invasive Species	Ballroom A3 Native Plants & Animals	Ballroom A4 Water Quality, Watersheds & Groundwater
1:45-2:25 pm	Public Trust Doctrine and Water Law Primer <i>Scanlan</i> page 18	Invasive Aquatic Plants in Trade: Quantifying Availability and Risk to Wisconsin Waters <i>Wagner Schreck</i> page 18	Menominee Lake Sturgeon Management <i>Reiter</i> page 18	Little Lake Wissota Stewardship Project <i>Stadnyk Tetzloff-Jensen McCabe</i> page 18
2:35-3:15 pm	Lessons from a Successful Regional Urban Watersheds Collaborative <i>Martinka</i> page 20	Wisconsin AIS Rapid Response Plan <i>Vennie-Vollrath</i> page 20	Gardening for Butterflies and Birds with Native Plants <i>Goggin</i> page 20	The Public Trust Doctrine's Impact on Groundwater Withdrawals <i>Bach</i> page 20
3:15-3:45 pm	Refreshment Break in Exhibit Hall			
4:00-5:00 pm	Developing a Comprehensive Management Approach for the Lake Winnebago System <i>Santry</i> page 22	Lake Data on the Web <i>Filbert Wiese Jordan Haber</i> New Approaches to Delivering AIS Message: Increasing Compliance to AIS Bait and Draining Laws Through Education and Enforcement <i>Campbell Seiler</i> page 22	Wildlife Management for Landowners <i>Cold</i> page 22	Wisconsin's Healthy Watersheds Initiative: How Ranking the Health of Watersheds Can Help Prioritize Management Practices <i>Minahan</i> page 23
5:00-6:00 pm	Networking Time in Exhibit Hall			
6:00-8:00 pm	Wisconsin Lake Stewardship Banquet & Awards Ceremony - Meeting Room B 6:00 Dinner ~ awards to follow			
8:00-11:00 pm	Celebrating Diversity After Hours - Pre-function Hotel Lobby page 25			

Wednesday Afternoon Agenda



Exhibits Open ~ 7:30 am-6:00 pm
Exhibit Hall

April 10, 2013

Concurrent Sessions			
	Auditorium Cultural Aspects of Lakes	Room 6A/6B Lake Habitat & Biology	Room 7 Scientific Lake Research
1:45-2:25 pm	Treaty Rights <i>McGesbick</i> page 19	Setting Priorities for Lake Conservation in Wisconsin: A Conservation Portfolio <i>Blann</i> page 19	Survival of Invasive Aquatic Plants After Air Exposure During Stimulated Overland Dispersal <i>Knight</i> Selective Removal of a Cold-water Invasive Fish Using Artificial Destratification <i>Lawson</i> page 19
2:35-3:15 pm	Native American Panel - Menominee, Oneida and Ho-Chunk <i>Hill</i> <i>Cox</i> <i>Mann</i> page 20	A Comparison of Historical Changes in Lake Morphology of Six Inland Lakes in Wisconsin <i>Koeller</i> How To Make a Bathymetric Map with the New Generation of Lowrance HDS Sounders <i>Hartnett</i> page 21	Milfoil Weevil Mass Rearing Pilot Study: Year 2 <i>Thorstenson</i> Weevil Rearing: A First-hand Experience <i>Mares</i> page 21
3:15-3:45 pm	Refreshment Break in Exhibit Hall		
4:00-5:00 pm	Archeological and Cultural Resources Around Water <i>Dudzick</i> page 23	Shoreline Habitat Projects: Woody Habitat Restoration - What We Have Learned <i>Toshner</i> Woody Structure as Shoreline Protection <i>Sheehan</i> page 23	Evaluation of Statewide Eurasian Watermilfoil Research <i>Nault</i> Hybrid Watermilfoils: Diversity, Ecology, and Management <i>Thum</i> page 24
5:00-6:00 pm	Networking Time in Exhibit Hall		
6:00-8:00 pm	Wisconsin Lake Stewardship Banquet & Awards Ceremony - Meeting Room B 6:00 Dinner ~ awards to follow		
8:00-11:00 pm	Celebrating Diversity After Hours - Pre-function Hotel Lobby		



Thursday Agenda

April 11, 2013

Registration Open ~ 7:30 am-1:30 pm
Convention Center Lobby

6:30-7:30 am	Sunrise Yoga in Meeting Room 3 ~ <i>Quita Sheehan</i> page 14			
Concurrent Sessions				
	Ballroom A1 People, Policy & Politics	Ballroom A2 Aquatic Invasive Species	Ballroom A3 Native Plants & Animals	Ballroom A4 Water Quality, Watersheds & Groundwater
8:00-8:40 am	Minong Town Lakes Committee: A Local Volunteer Lake Group Taking Action <i>Robinson</i> page 26	Working With Fishing Tournaments to Prevent the Spread of AIS <i>Campbell</i> page 26	Get Off the Grass! Lose the Lawn! Protect Our Water! <i>Gerhard</i> page 26	The Evolution of Total Phosphorus Criteria for Wisconsin Lakes <i>Asplund</i> <i>Diebel</i> page 26
8:50-9:50 am	Mitigation Options for Shoreland Property Owners <i>Wenholz</i> page 28	Citizen Response to AIS Discoveries: Blackhawk Lake <i>Sefton</i> <i>Sefton</i> Squash Lake <i>Boismenu</i> North Lake <i>Stine</i> <i>Sundberg</i> <i>Frisque</i> Q&A Panel page 28	How Do Impervious Surfaces Impact Fish, Wildlife, and Waterfront Property Values? <i>Markham</i> <i>Meyer</i> page 29	Impaired Water and TMDLs: What's the Process and What's the Role of Citizens and County Staff? <i>Cunningham</i> <i>Arnold</i> <i>Turyk</i> page 29
9:50-10:20 am	Refreshment Break in Exhibit Hall			
10:30-11:30 am	Wisconsin Legislative Updates <i>Knipper</i> <i>Keckhaver</i> page 31	Wisconsin Ballast Water Program Implementation: Step 1 in the Fight Against New AIS Introduction <i>Manz</i> <i>Eichelkraut</i> page 31	Perils to Frogs and Wetlands <i>Helgen</i> page 31	St. Croix Civic Engagement and TMDL Project <i>Sorge</i> page 31
11:45-1:15 pm	Lunch in Exhibit Hall ~ Keynote Speaker Dr. Mamie Parker page 13			
Special Sessions				
	Ballroom A1	Ballroom A2	Ballroom A3	Ballroom A4
1:30-2:30 pm	Lessons Learned: The AIS Budget Initiative and How to Mobilize Locally <i>Keckhaver</i> page 33	Decontamination Recommendations for Aquatic Invasive Species <i>Wakeman</i> <i>Vennie-Vollrath</i> page 33	Nonconforming Structures and the Impact of 2011 WI Act 170 on Shoreland Zoning Ordinances <i>Kennedy</i> page 33	Bad River Watershed and Mining Concerns <i>Hester</i> page 33
2:45-4:00 pm	Plenary Session - Meeting Room B			
	"Take Action" Keynote Speaker ~ <i>Allison Argo</i> Closing remarks & drawing ~ See you in Stevens Point next year! speaker descriptions - page 13			

Thursday Agenda



Exhibits Open ~ 7:30 am-1:30 pm
Exhibit Hall

April 11, 2013

6:30-7:30 am Sunrise Yoga in Meeting Room 3 ~ *Quita Sheehan* page 14

Concurrent Sessions

	Auditorium Cultural Aspects of Lakes	Room 6A/6B Lake Habitat & Biology	Room 7 Scientific Lake Research
8:00-8:40 am	Water Walker and Water Keeper <i>Benton</i> <i>Hester</i> page 27	Animal Neighbors <i>Haack</i> page 27	Research and Monitoring of Lake Water Quality Using Remote Sensing <i>Erdmann</i> page 27
8:50-9:50 am	Documentary Movie - Water is Life: Mother Earth Water Walk - Part 1 page 29	“Sedges on the Edges” Revisited: The Wetland-Lake Connection <i>Bernthal</i> <i>Trochlell</i> page 29	Stock Characteristics of Lake Whitefish in Lake Michigan <i>Belnap</i> Largemouth Bass in N. WI: Factors Regulating Recruitment and Potential Dietary Interactions with Walleyes <i>Kelling</i> Evaluating Harvest Regulations for Lake Sturgeon in the White Rapids Section of the Menominee River <i>Isermann</i> page 30
9:50-10:20 am	Refreshment Break in Exhibit Hall		
10:30-11:30 am	Documentary Movie - Water is Life: Mother Earth Water Walk - Part 2 page 29	Oxbows, Delta Ponds, and Sloughs: Wisconsin’s Forgotten Lakes <i>Marshall</i> page 32	Measurements of Lakeshore Habitat Restoration: Preliminary Findings 2007-2012 <i>Meyer</i> <i>Fevold</i> <i>Haskell</i> page 32
11:45-1:15 pm	Lunch in Exhibit Hall ~ Keynote Speaker Dr. Mamie Parker page 13		

Special Sessions

	Auditorium	Room 6A/6B	Room 7
1:30-2:30 pm	My Healthy Wetlands <i>Beilfuss</i> page 34	No Child Left Inside <i>Edmundson</i> <i>Thwaits</i> <i>Leinbach</i> page 34	Guiding for Tomorrow: The Changing Climate, Changing Culture Initiative <i>Teichtmann</i> page 34
2:45-4:00 pm	Plenary Session - Meeting Room B “Take Action” Keynote Speaker ~ <i>Allison Argo</i> Closing remarks & drawing ~ See you in Stevens Point next year! speaker descriptions - page 13		



Keynote Speakers

<http://www4.uwm.edu/>



Wednesday Keynote - Meeting Room B - 9:00-10:45am

“Today’s Freshwater Challenges: From Global to Wisconsin Perspectives”

Dr. David E. J. Garman, Dean, School of Freshwater Sciences at UW-Milwaukee

Australian scientist David E. J. Garman, a specialist in water resources and pollution control, is the founding dean of the graduate School of Freshwater Sciences at the University of Wisconsin-Milwaukee (UWM). A past president and chairman of the International Water Association, Garman also was leader of the Safe Water Sub-project of an Australian Aid Project dealing with provision of safe water services in Bangladesh, and has also worked in Australia and China on remediation of eutrophic lakes. He has been involved in or associated with remediation projects for more than 100 lakes, from small to large systems. The UWM School of Freshwater Sciences is the first graduate school in the nation dedicated solely to the study of freshwater.

WDNR



Wednesday Lunch Keynote - Exhibit Hall - 12:15-1:30pm

Ken Johnson, Water Division Administrator, Wisconsin Department of Natural Resources

Ken Johnson, administrator of the Wisconsin Department of Natural Resources water division, has spent more than 30 years of working in - and leading - water-related programs for the DNR. He oversees more than 600 professional DNR staff working to provide safe drinking water, protect groundwater, manage state fish populations, provide fishing opportunities, and manage surface water programs across the state. He was recently elected chair of the Great Lakes Commission, the interstate compact agency that promotes the orderly, integrated and comprehensive development, use, and conservation of the water and related natural resources of the Great Lakes basin and St. Lawrence River.

Tuesday Evening

7:00-11:00pm – Titledown Brewing Company

Wisconsin Lakes Partnership Convention Welcome Reception

Included in your Wednesday registration is the 2013 Wisconsin Lakes Partnership Convention Welcome Reception on Tuesday evening. Venture across the river and join us at Titledown Brewing Company where a generous spread of appetizers will be served! This informal gathering of lake lovers is a great way for newcomers to “get their feet wet” and for seasoned convention attendees to reconnect. There will be a handful of Wisconsin Lake Leaders graduates - and trust us, you’ll want to know what they’ve been up to! Never heard of Lake Leaders? Well, here’s your opportunity to meet some of the lake citizens and professionals who have earned the title of “Wisconsin Lake Leader,” and find out what this leadership opportunity sparked them to accomplish and how they continue to be committed to Wisconsin’s amazing lakes.

There will also be Wisconsin Lakes Board Members and Staff, Wisconsin Department of Natural Resources Professionals, UW-Extension Lakes Specialists and other lake educators and enthusiasts.

Just walk over the bridge and join us. There will also be a free shuttle from the KI Convention Center for those who need it (Adams Street pick-up/drop-off). Look for shuttle times at the registration desk.





Keynote Speakers

Thursday Lunch Keynote - Exhibit Hall - 11:45am-1:15pm

“Leading From Any Chair”

Dr. Mamie Parker, retired U.S. Fish and Wildlife Regional Director

An outstanding motivational speaker, Mamie Parker recently retired after a very successful career at the U.S. Fish and Wildlife Service (FWS). She is the first African American to serve as the FWS Regional Director in its 35-year history, and she did it by starting at the bottom, as a biologist in Wisconsin. Armed with B.S., M.S. and PhD degrees, Parker has an extensive amount of experience as a fish and wildlife biologist. She rose to the ranks of Assistant Director (Fisheries and Habitat Conservation) of the FWS and Governor Mike Huckabee inducted her into the Arkansas Hall of Fame shortly before her alma mater, the University of Arkansas, selected her as the Alex Haley Distinguished Lecturer and a Hall of Famer. She is a Rotarian and serves as a trustee on the Chesapeake Conservancy and the Board of Directors for the National Wildlife Refuge Association.



<http://dc.women.org/>

Thursday “Take Action” Keynote - Meeting Room B - 2:45-4:00pm

Allison Argo, Argo Films

In addition to filmmaking, Allison Argo is a gifted communicator and motivational speaker who has inspired audiences around the world. She brings vitality and insight into her presentations, which she augments with compelling video from her award-winning films (Frogs: The Thin Green Line, 9/11: Where Were You?, Snake Invasion). Whether speaking to a roomful of professionals or an auditorium of thousands, Argo has the uncanny ability to reach every member of the audience, from nine to ninety.

<http://www.argoofilms.com/>



<http://www.argoofilms.com/>

“We’re All In This Together: Celebrating Diversity”

A UW-Stevens Point collaboration of UWEX Lakes in the College of Natural Resources and the Noel Fine Arts Center

There are many things that make our lake communities diverse. Sit back and enjoy as we celebrate this diversity - you might even learn something! The enchanting music of UWSP student Alaric Coussons tickles your urgency for spring at the lake while narrator Peter W. Hargarten (also a UWSP student) reminds us that “we are all in this together.” This digital production is brought to you through the continued partnership of UWEX Lakes and the UW-Stevens Point music department.

Premiered: Wednesday, April 10, 9:00am

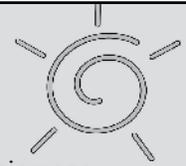
Digital production



Free and welcome to all ages and levels of interest.

Sunrise Yoga

Wednesday & Thursday mornings
6:30-7:30am (Meeting Room 3)



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 Sunrise Sessions

8:00-8:50am

8:00-8:50am – Ballroom A1 - *People, Policy & Politics*

Selecting the “Right” Lake Organization for Your Community

This presentation will identify the pros and cons of lake associations, qualified lake associations, and public inland lake protection and rehabilitation districts as alternative models of lake governance. Case study based experience from various communities will be provided, using each type of organizational framework.

Presenter: Jeffrey Thornton, Regional Planner, SEWRPC

8:00-8:50am – Ballroom A2 - *Aquatic Invasive Species*

Rapid Response and Control of Policeman’s Helmet (*Impatiens glandulifera*)

The first known Wisconsin occurrence of Policeman’s helmet (*Impatiens glandulifera*) has been reported in Shawano County. This incredibly invasive plant was originally planted as an ornamental species, and it quickly escaped captivity on the parent parcel. Strong evidence of deer herbivory and transport are documented in the area. An early detection response and eradication program was undertaken by a diverse collaboration of public and private entities due to the close proximity of State Natural Areas and tribal forests. This presentation will cover the response protocols and how they were implemented around the infestation site.

Presenter: Jon Motquin, Aquatic Invasive Species Coordinator, Shawano County

Eradication of Ambitious Architects: The Red Swamp Crayfish (*Procambarus clarkii*) in three Southeast Wisconsin Ponds

The red swamp crayfish, *Procambarus clarkii*, is a non-native crayfish species that was discovered in three ponds in southeast Wisconsin in the late summer and fall of 2009. Since the discovery, the Wisconsin Department of Natural Resources, along with local partners, has employed a multitude of containment, control, and eradication strategies. The complex burrowing abilities of the red swamp crayfish have proven to be a key factor in the failure of eradication attempts in 2009 and 2010. The red swamp crayfish has likely been eradicated from two of the three ponds based on physical manipulation activities conducted in the fall and winter of 2011. A full scale eradication plan will be implemented for this pond in the fall and winter of 2012. This presentation will focus on the eradication strategies utilized in the attempts to eliminate this invasive species from the fall of 2009 through the end of 2012.

Presenter: Heidi Bunk, Lakes Biologist, WDNR

8:00-8:50am – Ballroom A3 - *Native Plants & Animals*

Native Mussel Monitoring in Eau Claire County

Beaver Creek Reserve has just finished a one-year project to catalog the native mussels that are in Eau Claire County, Wisconsin. Come explore the wonderful world of native mussels and what lies below the water’s surface in Eau Claire County.

Presenter: Anna Mares, AIS Coordinator, Beaver Creek Reserve



Wed. Sunrise Sessions, cont.

8:00-8:50am

8:00-8:50am – Ballroom A4 - Water Quality, Watersheds & Groundwater

Using Aquatic Plant Surveys to Evaluate Lake Health

Aquatic plant surveys are an underused method of evaluating the health of a lake and tracking changes in a lake. The results can also be used for several aspects of lake management. This presentation discusses ways regular aquatic plant survey results can be used for these purposes.

Presenter: Reesa Evans, Lake Specialist, Adams County

History in the Mucking

Wisconsin's landscape has changed dramatically during the last 150 years with the arrival of European settlers. This presentation will show how chemical and biological evidence deposited in lake sediments (muck) is being used to document the impact of these alterations on the landscape and how it has impacted lakes across WI.

Presenter: Paul Garrison, Research Scientist, WDNR

8:00-8:50am – Auditorium - Cultural Aspects of Lakes

History Growing Off Your Dock: The Living Legacy of Wild Rice in Wisconsin

This presentation will provide an overview of the cultural significance of wild rice to Native Americans and early European explorers, look at its long history of use in the state (continuing to today), and present some of the fingerprints this unique resource has left on our contemporary landscape.

Presenter: Peter David, Wildlife Biologist, Great Lakes Indian Fish and Wildlife Commission

8:00-8:50am – Meeting Room 6A/6B - Lake Habitat & Biology

Most Lakes Are Small: Data and Management Needs for Shallow Systems

Most of the millions of lakes in the world are small and relatively shallow (<10 m in depth) and contrary to their deeper counterparts a large proportion of the lake volume is exposed to sediments and soils. Consequently, there is intense interaction between the lake water and the chemical and metabolic processes of the sediment. This presentation will highlight several studies/management plans and discuss data and management needs for shallow systems.

Presenter: Jeremy Williamson, Watershed Biologist, Polk County Land and Water Resources Department

8:00-8:50am – Meeting Room 7 - Scientific Lake Research

Zebra Mussel (*Dreissena polymorpha*) Habitat Preference and Population Dynamics in Northeast Wisconsin and Upper Michigan Lakes

With limited zebra mussel (*Dreissena polymorpha* (Pallas)) management options, there is a need to contain the spread through early detection monitoring. Models based on water calcium concentrations currently assist managers by identifying which lakes to focus pre-invasion monitoring. Knowledge of habitat preference will identify locations within lakes that have high invasion potential. This presentation includes findings of a study done to determine zebra mussel habitat preferences and population dynamics in northern Wisconsin and upper Michigan lakes.

Presenter: Maureen Ferry, Graduate Student, WI Cooperative Fishery Research Unit University of Wisconsin-Stevens Point

Efficacy of Zequanox (*Pseudomonas fluorescens*) for Controlling Dreissenid Mussels in Natural Waters

This presentation includes information on the efficacy of Zequanox, a commercial formulation containing dead cells of a strain of *Pseudomonas fluorescens* bacterium, that was evaluated for use to control dreissenid mussels (*D. polymorpha* or *D. bugensis*) in limited field applications.

Presenter: Jon Motquin, Shawano County AIS Coordinator, presenting for Jim Louma, Fisheries Biologist, USGS Upper Midwest Environmental Sciences Center, La Crosse, WI



Wednesday Poster Session

Exhibit Hall

11:00am-12:00pm

Listed by topic, then alphabetically

TOPIC: Aquatic Invasive Species

Aquatic Invasive Species Disinfection Guidelines for Recreational Water Users

Erin Vennie-Vollrath, Wisconsin Department of Natural Resources (WDNR)

Aquatic Invasive Species Monitoring Systems

Scott Van Egeren, WDNR

Aquatic Invasive Species Projects

Kaycie Stushek, Golden Sands Resource Conservation & Development (RC&D) Council, Inc

Boat Inspection Program

Hans Bremer, Wisconsin Sea Grant

Clean Boats, Clean Waters Clean Grants: Streamlining Watercraft Inspection Projects in Wisconsin

Pamela Toshner, WDNR

Development of a Volunteer Monitoring Program for Invasive Aquatic Plants: Challenges and Lessons Learned in Michigan

Jo A. Latimore, Michigan State University, Dept. of Fisheries and Wildlife

Factors of Invasibility in Northern Wisconsin Lakes

Katrina Punzel, Carthage College

Ice Angler Outreach Project

Michele Sadanskas, Oneida County Land & Water Conservation Dept.

The Impacts of Granular 2, 4-D Herbicide on Non-Target Plants When Used to Control Eurasian Watermilfoil in Wisconsin Lakes

Chad Cason, Cason & Associates, LLC

Management of Eurasian Watermilfoil with Granular 2, 4-D in the Legend Lake System, Menominee County, WI

Alex Brauer, Cason & Associates, LLC

Rapid Response and Control of Policemans

Helmet (*Impatiens glandulifera*)

Jon Motquin, Shawano County Land Conservation

Squash Lake Association: Pulling Together to Get to the Root of the Problem

Stephanie Boismenu, Squash Lake Association

TOPIC: Lake Habitat & Biology

A Comparison of Historical Changes in Lake Morphology of Six Inland Lakes in WI

Christine Koeller, UW-Stevens Point

Feasibility of Restoring Nongame Fish Populations to Lake Ripley

Paul Dearlove, Lake Ripley Management District

Lake Habitat Mapping with Side-Scan Sonar and the Relation to Fish Diversity in Eleven Wisconsin Lakes

Christine Koeller, UW-Stevens Point

Making Aquatic Plant Point-intercept Survey Data Available in SWIMS and on DNR Websites

Elizabeth Haber, WDNR

TOPIC: People, Policy, & Politics

Biodiversity in Leadership of Community

Organizations: How to Work Together with

Diverse Personalities and Achieve Shared Goals

Rad Watkins, Animal Leadership LLC

Midwest Glacial Lakes Partnership - A Partnership for Fish and Fish Habitats

Katherine Haws, Midwest Glacial Lakes Fish Habitat Partnership

Wisconsin Invasive Species Regulations NR 40 Update

Mindy Wilkinson, WDNR & Chrystal Schreck, WDNR



Wednesday Poster Session, cont.

11:00am-12:00pm Exhibit Hall

TOPIC: Scientific Lake Research

Bathymetric Mapping of Pine Lake: Employing New Technologies

Phillip Rynish, University of Wisconsin-Eau Claire

Early Season 2, 4-D Herbicide and Harvesting Treatment Effects on Eurasian Watermilfoil in Turville Bay Lake Monona, Dane County

Martha Barton, WDNR

Effects of In-lake and Shoreland Variables on Eurasian Watermilfoil (*Myriophyllum spicatum* L.) and Milfoil Weevils (*Eubrychiopsis lecontei* Dietz) in Wisconsin Lakes

Paul Skawinski, UW-Stevens Point College of Natural Resources

Fatty Acid Concentrations in Wisconsin Sport Fish: Preliminary Implications for Consumption Advice

Meghan C. Weaver, WI DNR

TOPIC: Water Quality & Groundwater
12 Years of Phosphate Monitoring in Little Sturgeon Bay: The Groundwater Connection

Peter Sigmann, Little Sturgeon Area Property Owners Association

Minimizing the Effects of a Drained Wetland and Agriculture on Rock Lake: Source Investigation and Mitigation Strategies

Nelson Institute for Environmental Studies- University of Wisconsin-Madison

Katie Van Gheem, Heather Davis, and Ian Anderson

Sediment, Phosphorus, and Bacteria: Identifying Sources and Determining Solutions

Patricia Cicero, Jefferson County Land & Water Conservation Department

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

Who are Wisconsin's Lake Leaders?

We all do important work to help our lakes, but these folks have kicked it up a notch after graduating from the Wisconsin Lake Leaders Institute. Over 250 graduates from nine crews are doing great work across the state. To find out more about Lake Leaders, pick up a brochure at the UWEX Lakes educational table across from registration, or ask someone wearing a button that looks like this!





Wednesday Sessions

1:45-2:25pm

1:45-2:25pm – Ballroom A1 - People, Policy & Politics

Public Trust Doctrine & Water Law Primer

Rooted in the Wisconsin Constitution, the Public Trust Doctrine has guided the development of water law in this state for over 150 years. Through this session, you will learn what the Public Trust Doctrine is, how it has evolved over time, and what role it will likely play in deciding some of our current debates over water use. With this understanding, you can help your neighbors and fellow lake lovers appreciate the legacy of law and court decisions that gives all people a stake in clean, healthy waterbodies.

Presenter: Melissa Scanlan, Professor, University of Wisconsin-Milwaukee

1:45-2:25pm – Ballroom A2 - Aquatic Invasive Species

Invasive Aquatic Plants in Trade: Quantifying Availability and Risk to Wisconsin Waters

Most new invasive aquatic plant species discovered in Wisconsin waterbodies are species that are readily available through the live plant trade. To address this introduction vector, the Wisconsin Department of Natural Resources has been working to understand and reduce the risk of these introductions. Wisconsin horticulture and aquarium vendors were surveyed to quantify the availability of 56 invasive and potentially invasive species, ascertain attitudes towards invasive species, and identify potential barriers to changing behavior. Information learned from these surveys was used to refine an educational and outreach program on invasive species in trade, conducted during summer of 2012. In addition, over 150 small waterbodies in southeastern Wisconsin were monitored for the presence of invasive aquatic plants. This session will explore the results of the vendor and landscape surveys, including which invasive species are most commonly available in Wisconsin and how that relates to aquatic invasive plant introductions across the landscape.

Presenters: Kelly Wagner, Research Scientist, WDNR and Chrystal Schreck, Invasive Species Education and Outreach Specialist, WDNR

1:45-2:25pm – Ballroom A3 - Native Plants & Animals

Menominee Lake Sturgeon Management

The Menominee Indian Tribe of Wisconsin continues to undergo research on Lake Sturgeon Restoration. Lake sturgeon had been extirpated from the Menominee Indian Reservation, WI until 1994 when federal, state, and tribal biologists began implementing strategies to reintroduce lake sturgeon to reservation waters. Find out the importance of lake sturgeon to the Menominee Indian Tribe culturally and how research activities and management strategies are working to help in the development of management plans and Menominee Fishing Rules and Regulations governing lake sturgeon.

Presenter: Donnie Reiter, Fish and Wildlife Manager, Menominee Indian Tribe

1:45-2:25pm – Ballroom A4 - Water Quality, Watersheds & Groundwater

Little Lake Wissota Stewardship Project

The Little Lake Wissota Stewardship Project is a community effort to encourage water conservation and improve the water quality of Little Lake Wissota. It is being supported through direct contributions by area residents, businesses and civic organizations. Learn how this unique approach to the project is the opportunity to sponsor and explore a new community based public/private sector business model for lake and watershed management.

Presenters: Nick Stadnyk, Watershed Specialist, Chippewa County, Jane Tetzloff-Jensen, Project Manager, Chippewa County Department of Land Conservation and Forest Management, and Dan McCabe, Leinenkugel Brewing Company



Wednesday Sessions, cont.

1:45-2:25pm

1:45-2:25pm – Auditorium - Cultural Aspects of Lakes

Treaty Rights

The Chairman of the Sokaogon Mole Lake Band and Vice Chairman of the Great Lakes Indian Fish & Wildlife Commission Board will discuss the importance of lakes and waters in tribal history and culture. Learn how lakes and waters helped form the pioneer history and culture of Wisconsin and key points of Treaty Rights.

Presenter: Chris McGeshick, Chairman, Sokaogon Mole Lake Band

1:45-2:25pm – Meeting Room 6A/6B - Lake Habitat & Biology

Setting Priorities for Lake Conservation in Wisconsin: A Conservation Portfolio

Although numerous lake assessments have been developed for different purposes, Wisconsin still lacks a comprehensive, ecologically-based classification that organizes lakes based on natural biophysical potential and condition such a classification can serve to help prioritize and target key strategies such as restoration, protection, or maintenance of shoreland versus watershed land use, water quality or habitat. This presentation will cover how The Nature Conservancy is currently working to develop such a tool for Wisconsin.

Presenter: Kristen Blann, Freshwater Ecologist, The Nature Conservancy

1:45-2:25pm – Meeting Room 7 - Scientific Lake Research

Survival of Invasive Aquatic Plants After Air Exposure During Simulated Overland Dispersal

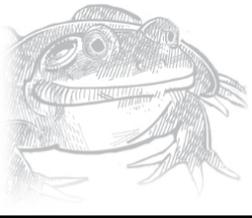
Recreational boating is an important vector for the overland transport of invasive aquatic plants because fragments become entangled on boats and trailers and most species are capable of vegetative reproduction. The effectiveness of recreational boats as a transport vector relies on the resistance of macrophytes to air exposure. This presentation includes research on tolerance thresholds of Eurasian watermilfoil and curly-leaf pondweed to aerial exposure (i.e. drying times).

Presenter: Susan Knight, Aquatic Plant Researcher, Trout Lake Station – University of Wisconsin

Selective Removal of a Cold-water Invasive Fish Using Artificial Destratification: Preliminary Results from a Novel Thermal Manipulation of Crystal Lake

Crystal Lake is one of 26 Wisconsin lakes with a known population of rainbow smelt (*Osmerus mordax*), an invasive cold-water fish. Rainbow smelt invasions in several of these lakes have corresponded with significant declines in native fish populations, such as walleye and cisco. As an alternative management tool, we used GELIs (gradual entrainment lake inverter) to eliminate the cold-water habitat in a normally stratified temperate lake (Crystal Lake, WI). This presentation includes research on invasive smelt response to destratification.

Presenter: Zach Lawson, Graduate Student, University of Wisconsin - Madison



Wednesday Sessions

2:35-3:15pm

2:35-3:15pm – Ballroom A1 - People, Policy & Politics

Lessons from a Successful Regional Urban Watersheds Collaborative

This session offers a detailed synopsis of creating and improving a regional water quality and conservation collaborative, based on the successes and challenges of Sweet Water (the Southeastern Wisconsin Watersheds Trust, Inc.) Participants will gain an in-depth introduction to the innovative decision-making and policy-setting structure of this water quality partnership, staffed by nine local, regional or national NGOs. While still youthful, Sweet Water successes include completion of watershed restoration plans for the Kinnickinnic and Menomonee Rivers, securing an EPA grant to create a watershed-based stormwater permit for the Menomonee River municipalities (one of 3 national pilots for EPA), leading all stakeholder outreach for four new third-party TMDLs, and creating and funding of both a green infrastructure mini-grant program and a new regional storm water education program.

Presenter: Jeff Martinka, Executive Director, Sweet Water

2:35-3:15pm – Ballroom A2 - Aquatic Invasive Species

Wisconsin AIS Rapid Response Plan

There have been many successes in rapid responses to newly discovered populations of aquatic invasive species (AIS) around Wisconsin. Using our experiences with AIS such as hydrilla, Eurasian watermilfoil, and red swamp crayfish, we have developed a statewide rapid response framework for AIS based on New York state's plan. See how this plan lays out a framework to assist managers in responding thoroughly, professionally, and effectively to the many challenges that result from new invasions. The process is flexible to allow for case-specific facts to guide the responses, while ensuring that managers address all the necessary components of an effective response.

Presenter: Erin Vennie-Vollrath, Water Resources Management Specialist, WDNR

2:35-3:15pm – Ballroom A3 - Native Plants & Animals

Gardening for Butterflies and Birds with Native Plants

Come learn how to enhance your backyard or shoreland area with native plants attractive to birds and butterflies. Find out about host plant and nectar plant options for gardeners. Get acquainted with appropriate resources and receive a free design sheet to help you plan your first native plant bed!

Presenter: Patrick Goggin, Lake Specialist, UW-Extension Lakes

2:35-3:15pm – Ballroom A4 - Water Quality, Watersheds & Groundwater

The Public Trust Doctrine's Impact on Groundwater Withdrawals

Learn about the Wisconsin Supreme Court's landmark decision extending the protections afforded navigable surface waters by the state's public trust doctrine to underground aquifers that feed surface waters. This presentation explores the basis of the court's decision and its resulting effect on those seeking, or opposing, permits for significant usage of shallow aquifers.

Presenter: Daniel Bach, Attorney, Bauer & Bach LLC

2:35-3:15pm – Auditorium - Cultural Aspects of Lakes

Native American Panel—Menominee, Oneida & Ho-Chunk

Join several tribal representatives for an open panel discussion. They will reflect about water and lakes in their culture and what they are collectively doing for preservation before it's too late.

Presenters: Ronald Hill, Oneida Nation's Cultural Heritage Department, Douglas Cox, Environmental Program Coordinator, Menominee Tribe, and Robert Mann, Ho-Chunk Tribe



Wednesday Sessions, cont.

2:35-3:15pm

2:35-3:15pm – Meeting Room 6A/6B - Lake Habitat & Biology

A Comparison of Historical Changes in Lake Morphology of Six Inland Lakes in Wisconsin

The morphology of lake bottom changes over time was assessed in six central Wisconsin Lakes. Original bathymetric surveys were conducted with ice-grid surveys in cut holes through ice at intersections of perpendicular transects that were equally spaced over a lake surface. Techniques using GPS/Sonar technology and software was used to build 3-D models which can be used to watch changes in lakes over time. This study points out the present need for well-defined base maps with precise (<1cm) elevations so future studies can clearly define bottom changes that may be attributed to natural and anthropogenic factors.

Presenter: Christine Koeller, Graduate Student, University of Wisconsin – Stevens Point

How to Make a Bathymetric Map with the New Generation of Lowrance HDS Sounders

Bathymetric maps are an important resource for managing and exploring Wisconsin lakes and rivers. This presentation will discuss another technology used to define lake bottoms. The ciBioBase method is a new alternative, cloud-based method that generates a surface based on data uploaded from Lowrance HDS sounders and also maps the extent and density of aquatic vegetation. Both the ArcMap GIS and ciBioBase method can produce good quality bathymetric surfaces that are crafted into publication quality maps utilizing Adobe Illustrator software.

Presenter: Sean Hartnett, Professor, University of Wisconsin - Eau Claire

2:35-3:15pm – Meeting Room 7 - Scientific Lake Research

Milfoil Weevil Mass Rearing Pilot Study: Year 2

Milfoil weevils (*Eubrychiopsis lecontei*) are used in the biological control of Eurasian watermilfoil, but buying the thousands of weevils needed to stock a lake can be cost-prohibitive for many lake groups. This presentation includes results from year 1 and 2 of a mass pilot project that uses volunteers to rear weevils for EWM bio control, as well as plans for year 3, the final phase of the study.

Presenter: Amy Thorstenson, AIS Coordinator, Golden Sands RC&D

Weevil Rearing: A First-hand Experience

Beaver Creek Reserve has embarked on a weevil rearing project with Golden Sands RC&D. Over the summer of 2012, weevils were raised in nine cattle tanks in the back of our facility. The weevils were released into Perch Lake of St. Croix County, which is an hour away from the Reserve. There were many rewards with this project but also challenges. Find out what we learned and how you can accomplish weevil rearing on your lake.

Presenter: Anna Mares, AIS Coordinator, Beaver Creek Reserve

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.

Blue ... WDNR Lakes Coordinator

Green ... Convention Staff

White ... Exhibitor

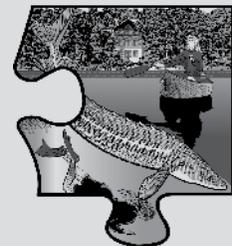
Red ... Speaker

Lime Green ... Newcomer

Hot Pink ... Press

Maroon ... Lake Stewardship Award Nominees and Winners

Check out the Ribbons





Wednesday Sessions

4:00-5:00pm

4:00-5:00pm – Ballroom A1 - *People, Policy & Politics*

Developing a Comprehensive Management Approach for the Lake Winnebago System

The Lake Winnebago System, comprised of Lakes Winnebago, Butte des Morts, Poygan, and Winneconne, is one of the largest freshwater lake systems in the United States. The vast size supports numerous recreational opportunities and attracts a wide spectrum of users to the Fox Valley area, resulting in a healthy and growing population. The size also results in a large number of governmental units with jurisdiction and interest in decision-making. This presentation will explore the uniqueness of the Lake Winnebago System and describe efforts to better engage the wide range of users and decision-makers in a shared vision for the future of the Lake Winnebago System. Opportunities for enhanced stewardship are plentiful as are the challenges. Current efforts to foster stewardship will be highlighted.

Presenter: Danielle Santry, Water Resource Specialist, Calumet County

4:00-5:00pm – Ballroom A2 - *Aquatic Invasive Species*

Lake Data on the Web

Come and learn what's new on the web. Starting this spring, you can enter lake and invasive species data right from the DNR Lakes website, using a simplified interface to SWIMS. We will walk you through how to enter your data. Learn how to access graphs, reports and data. Find out what's available and what is coming in the near future. Learn about our blog! Also, be the first to preview our mobile phone-friendly options! Finally, explore our brand new lake and AIS interactive maps.

Presenters: Jennifer Filbert, Lake Data Specialist and SWIMS Database Coordinator, WDNR, Dennis Wiese, Lakes and Rivers GIS and Data Specialist, WDNR, Becca Jordan, Lakes and Rivers Data Specialist, WDNR, and Elizabeth Haber, Lakes and Rivers Data Specialist, WDNR

New Approaches to Delivering the AIS Message: Increasing Compliance to AIS Bait and Draining Laws Through Education and Enforcement

The AIS Partnership will begin a new initiative aimed at gaining higher compliance with aquatic invasive species (AIS) draining and bait laws through education and enforcement in 2013. This effort will build upon the existing partnership with bait shops to better educate anglers on the often confusing bait laws and draining laws. A new draining campaign focused on providing anglers an alternative to keep their catch fresh will be implemented throughout the state with a kick-off targeted for fishing opener. Wisconsin DNR Water Guard and Warden teams will also devote time to increasing compliance of both bait and draining laws as part of their AIS Warden Team Events scheduled for Spring/Summer 2013. Come and learn how you can get involved!

Presenters: Christal Campbell, Aquatic Invasive Species Education Specialist, WDNR and UW-Extension and Deborah Seiler, Aquatic Invasive Species Communication Specialist, WDNR and UW-Extension

4:00-5:00pm – Ballroom A3 - *Native Plants & Animals*

Wildlife Management for Landowners

By managing your property as an educated and active landowner, your support will diversify wildlife species and create more functional habitat. This presentation will focus on wildlife ecology and habitat management in forests and wetland/shoreland habitats. Learn about why we need more wildlife, predatory and prey relationships, and the factors that regulate wildlife populations. Come and see some native Wisconsin animals and realize their importance to our beautiful Wisconsin environment.

Presenter: Christian W. Cold, Wildlife Technician, WDNR



Wednesday Sessions, cont.

4:00-5:00pm

4:00-5:00pm – Ballroom A4 - Water Quality, Watersheds & Groundwater

Wisconsin's Healthy Watersheds Initiative: How Ranking the Health of Watersheds Can Help Prioritize Management Practices

Wisconsin is one of the first states conducting a Healthy Watersheds Initiative (HWI) in conjunction with a national effort by EPA. The goal of the HWI is to assess a range of statewide, watershed-level data sets to rank each Wisconsin watershed on scales of health and vulnerability. These rankings can then be used to prioritize and target appropriate funding and management practices to specific watersheds. This talk will describe the intent of the project, the data sets used for ranking, and potential uses of the watershed rankings by state agencies, watershed organizations, and other partners.

Presenter: Kristi Minahan, Water Quality Standards Specialist, WDNR

4:00-5:00pm – Auditorium - Cultural Aspects of Lakes

Archeological and Cultural Resources Around Water

Former Minnesota State Archaeologist and current Wisconsin DNR Archaeologist Mark Dudzik will provide an overview of Wisconsin's prehistoric and historic past, and discuss federal and state laws and related processes which can have an impact on both public and private development projects, including those on, under, and adjacent to our lakes and rivers. It's no surprise that Native Americans and early settlers often located their homes and villages (and later, their cities) along water bodies large and small – just as we do today! Mark's presentation will be followed by a question and answer period.

Presenter: Mark Dudzik, State Archeologist, WDNR

4:00-5:00pm – Meeting Room 6A/6B - Lake Habitat & Biology

Shoreline Habitat Projects:

Woody Habitat Restoration - What We Have Learned

The importance of wood in the water is becoming increasingly clear and along with shoreline restoration efforts shows real potential as an ecological restoration technique. Fish Sticks Habitat Project is helping to place wood on the shore of willing landowners. Learn how this technique is done and get the latest updates on the project from both a local and statewide point of view.

Presenter: Scott Toshner, Water Resource Specialist & Fisheries Biologist, WDNR

Woody Structure as Shoreline Protection

Loss of shoreline is a frequent concern of lake property owners. Soil loss at the shore's edge is caused by both natural and man-made actions: wind, ice, boat wakes, and dams. The intensity of erosion can negatively affect water quality. Resource managers are also becoming concerned with the lack of naturally occurring large wood in developed lakes as compared to undeveloped lakes. Anecdotal evidence from sites where natural woody structures were placed in lakes show an overall decrease of shore erosion and an increase in aquatic macrophytes. Those occurrences raise the question: What can natural wood assemblages provide to developed lakes in the way of decreasing soil erosion and increasing water quality? Vilas County's Land and Water Conservation Department (L&WCD) proposes to investigate the potential of using natural wood at the waters' edge as barriers to wave energy. We will discuss whether natural wood structures placed in lakes would provide better protection from shore erosion than are currently available from other bioengineering products.

Presenter: Quita Sheehan, Lake Conservation Specialist, Vilas County Land and Water Conservation Department



Wednesday Sessions, cont.

4:00-5:00pm

4:00-5:00pm – Meeting Room 7 - Scientific Lake Research

Evaluation of Statewide Eurasian Watermilfoil Research

For the past several years, the Wisconsin Department of Natural Resources has worked in collaboration with various stakeholders to develop and implement plans for strategic and efficient control of Eurasian watermilfoil (*Myriophyllum spicatum*, EWM) and to prevent its further spread in Wisconsin. In this session, we will look at Wisconsin's multi-year EWM research project tracking both unmanaged and managed lakes, as well as results from several case studies evaluating the effectiveness of chemical herbicide treatments to control EWM. Preliminary findings of this ongoing research will be presented, and the importance of herbicide concentration monitoring to understand treatment efficacy as well as ecological risks will be discussed. By systematically measuring actual in-lake herbicide concentration and exposure times, as well as subsequent aquatic plant community responses under varying operational conditions, we hope to develop future management recommendations and continue to improve our ability to control invasive aquatic plants while minimizing adverse effects to native species and water quality.

Presenter: Michelle Nault, Research Scientist, WDNR

Hybrid Watermilfoils: Diversity, Ecology, and Management

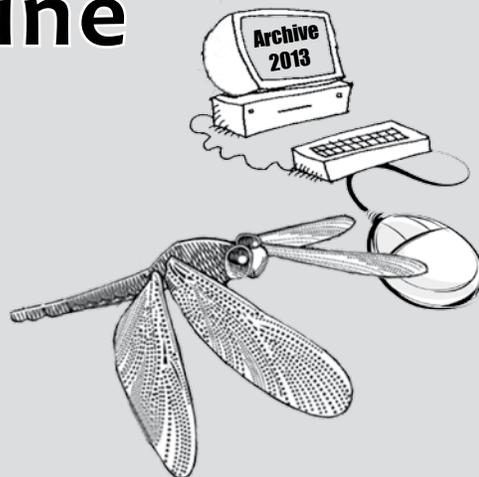
Any individual that has in its genealogy (or pedigree) one or more matings between invasive Eurasian watermilfoil (*Myriophyllum spicatum*) and native northern watermilfoil (*Myriophyllum sibiricum*) is called a hybrid. This presentation will show how genealogy research will facilitate the development of DNA-based tools to determine best management practices for individual lakes.

Presenters: Ryan Thum, Research Professor, Grand Valley State University Robert B. Annis Water Resources Institute

More Info Online

Not able to attend all of the sessions you'd like? Want to view a specific presentation in depth? You're in luck! Convention archives will be available on the UW-Extension Lakes web site and will include items such as:

- **Presentation Materials**
- **Exit Survey** (if you forgot to fill one out at convention)
- **Convention Packet Materials** (agenda, speaker list, stewardship awards, etc.)
- **Photo Contest Winners**
- **Digital Production**
- **20-Year Volunteer Monitors' Interviews**



For archived information following the
2013 Wisconsin Lakes Partnership Convention, go to

www.uwsp.edu/cnr/uwexplakes/conventions/2013/archive.asp



Wednesday Evening

6:00-8:00pm – Meeting Room B

Wisconsin Lake Stewardship Banquet & Awards Ceremony

6:00 pm - Dinner (awards to follow)

Please join us in celebrating the 2013 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 of individuals and groups who 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.

Congratulations 2013 Wisconsin Lake Stewardship Award Winners!

Citizen: Rod Olson

Group, Single Lake: Tomah Lake Committee

Group, Multiple Lakes: Forest County Association of Lakes

Public Service: Bureau of Science Services, Wisconsin DNR

Special Recognition for Innovative Service:

Jane Malischke and Pamela Toshner, Wisconsin DNR

8:00-11:00pm - Pre-function Lobby

Celebrating Diversity After Hours - Song Swap/Poetry Slam - Relax, Rhyme and Rejuvenate

This informal gathering is a time to share your favorite lake stories, poems, quotes and songs (or make some up on the fly). Make new friends and reminisce with old ones. If you have an instrument, bring it along! The only requirement is that you relax and enjoy yourself! (Beverages available at the hotel bar.)

Celebrating Diversity with Your Camera

11th Annual Photo Contest Submissions and Winners!

VOTE FOR YOUR FAVORITE!

In celebration of the 35th Wisconsin Lakes Partnership Convention, talented folks submitted their favorite lake photographs from around the state of people enjoying lakes and the natural features in and around lakes for our annual photo contest. Come by the Exhibit Hall to admire all of the beautiful, striking, and fun images of lake life, and find out what photos were selected as the winners by our panel of professional photographers (revealed on Thursday)!



"Reflection" ~ Nancy Gill

*Honorable Mention - Category: Natural features in and around lakes and underwater
2012 Wisconsin Lakes Partnership Photo Contest*

With so many wonderful photos, our judges had a challenging time selecting the winners for each category. Tell us what photo you think is the best by voting for your favorite image. A ballot box and paper slips are next to the photo contest submissions in the Exhibit Hall – there will be an award for the popular vote.



Thursday Sessions

8:00-8:40am

8:00-8:40am – Ballroom A1 - People, Policy & Politics

Minong Town Lakes Committee: A Local Volunteer Lake Group Taking Action

The Minong Town Lakes Committee was formed six years ago as a grassroots effort to provide education related to the preservation of water quality in the town's lakes and to reduce/prevent the spread of aquatic invasive species. There are approximately 28 named lakes in the town, many of which are small and without lake associations. The committee provides representation for those lakes without associations and helps coordinate activities among the larger lakes with associations. They also interact very closely with local, county and state government. This presentation will discuss the many successes of the committee since it's been formed and what is to come in the future. Successes include: educational lake fairs and field trips, AIS monitoring, CBCW inspections, boat ramp/pier installation, and educational sign installation. Unique results of aquatic plant studies on five larger lakes will also be discussed along with funding opportunities making the activities possible.

Presenter: Russ Robinson, Volunteer and Member of Minong Town Lakes Committee and Gilmore Lake Association

8:00-8:40am – Ballroom A2 - Aquatic Invasive Species

Working With Fishing Tournaments to Prevent the Spread of AIS

Since 2010, the Great Lakes Sea Grant Network has worked with fishing tournament organizers including the Bass Federation, Cabela's Master Walleye Circuit, and the FLW Tournament series. Our focus is to help professional and tournament anglers understand the importance of aquatic invasive species (AIS) prevention and their role in prevention as role models for other anglers. A second focus was to work with tournament organizers to assist them in developing AIS prevention plans or tournament best management practices to prevent the movement of AIS between tournaments or tournament-related equipment. This presentation will cover what was learned about tournament activities, angler movements, and possible ways to address AIS spread through tournament related activities.

Presenter: Tim Campbell, Aquatic Invasive Species Outreach Specialist, Wisconsin Sea Grant

8:00-8:40am – Ballroom A3 - Native Plants & Animals

Get Off the Grass! Lose the Lawn! Protect Our Water!

The American lawn is the horticultural equivalent of the Marine haircut! We water and fertilize a uniform, inedible, useless perennial. If you care about water and prefer fish, birds, bees, and butterflies to chemicals and toxic gas fumes, or if you are searching for a wiser, water-friendly idea, you are ready for "Mother Nature's Get Off the Grass" presentation! Learn the who, what, where, when, why and how of converting your lawn into a productive, bio-diverse, ecofriendly, productive, low-maintenance, safe, sensible, and water-wise nature preserve. It's all about the water!

Presenter: Margaret Gerhard, Artist and retired teacher, Green Bay, WI

8:00-8:40am – Ballroom A4 - Water Quality, Watersheds & Groundwater

The Evolution of Total Phosphorus Criteria for Wisconsin Lakes

In December 2010, the WDNR implemented a series of administrative rule changes related to the regulation of nutrients from both point source and non-source discharges, collectively known as the phosphorus (P) rule, for the purpose of protecting and improving the quality of Wisconsin's surface waters. One of the key elements of the P rule is the establishment of numeric phosphorus criteria for surface waters, including lakes, rivers, streams, and the Great Lakes. In this presentation, we will outline the scientific basis of the final promulgated phosphorus criteria for lakes. We will also discuss continued work to refine the application of these criteria for assessing the overall condition of lake water quality in Wisconsin, developing site specific criteria and individual lake planning goals, as well as considerations for implementation of nutrient reduction strategies for lakes and watersheds.

Presenters: Tim Asplund, Section Chief Lakes and Wetlands, WDNR and Matt Diebel, Aquatic Ecologist, WDNR



Thursday Sessions, cont.

8:00-8:40am

8:00-8:40am – Auditorium - *Cultural Aspects of Lakes*

Water Walker and Water Keeper

Two Native American tribal representatives will give us a preview discussion prior to the showing of the documentary *Water is Life: Mother Earth Water Walk*. Sherrole is one of the Oneida Nation representatives who participated with Grandmother Josephine Mandamin in the Mother Earth Water Walk. She will discuss her adventure and the importance of connecting people to the Earth through culture and art. Sherrole will be joined by Cyrus Hester, the environmental specialist with the Bad River Band of Lake Superior Chippewa where he will give a short preview of his discussion on the Bad River Watershed and the mining concerns. This discussion will take place Thursday afternoon at 1:30pm during the special sessions (see page 33 for a description).

Presenters: Sherrole Benton, Oneida and Ojibwe woman, Freelance Writer, and 2008 MEWW Walker and Cyrus Hester, Environmental Specialist, Bad River Tribe

8:00-8:40am – Meeting Room 6A/6B - *Lake Habitat & Biology*

Animal Neighbors

Join us and learn about interesting and amazing animals living in and around Wisconsin's lakes, ponds, and flowages. Cute, slimy, spooky, or beautiful - they all weave a fascinating fabric of life in our lakes! Gain insights on what you can do to attract more wildlife to your shoreland property.

Presenter: John Haack, Natural Resource Educator, UW-Extension

8:00-8:40am – Meeting Room 7 - *Scientific Lake Research*

Research and Monitoring of Lake Water Quality Using Remote Sensing

The success of the Wisconsin Citizen Lake Monitoring and Landsat satellite imagery has sparked interest in expanding research in the use of remote sensing to monitor water quality and other aquatic resources throughout the state. Several new projects have recently been initiated. Description of these projects along with preliminary results will be presented.

Presenter: Eric Erdmann, Research Scientist & PhD candidate, WDNR



Wisconsin Lake Contacts

WDNR Lake Coordinators and APM Coordinators have responsibility for administering the WDNR's lake programs. Lake coordinators can help provide assistance with:

- Lake management education, information, and technical assistance
- Grants: Lake Planning, Aquatic Invasive Species, Lake Protection and Classification, and other project funding
- Clean Boats, Clean Waters Watercraft Inspection
- Citizen Lake Monitoring Network
- Aquatic Plant Management (APM)

To find your local lake coordinator (or other important Wisconsin Lake Contacts) go to:

<http://dnr.wi.gov/lakes/contacts>



Thursday Sessions

8:50-9:50am

8:50-9:50am – Ballroom A1 - *People, Policy & Politics*

Mitigation Options for Shoreland Property Owners

When we develop shoreland properties, are there things we can do to offset some of the impacts of that development? In fact, there are. Learn what mitigation is and how it can be a part of your next shoreland development project, as it is a requirement in certain circumstances under State and County shoreland zoning rules. Numerous mitigation options will be presented and discussed, including several real-world examples.

Presenter: Michael Wenholz, Shoreland Specialist, WDNR

8:50-9:50am – Ballroom A2 - *Aquatic Invasive Species*

Citizen Response to AIS Discoveries:

Successful Eurasian Watermilfoil Control at Blackhawk Lake in Iowa County

Blackhawk Lake is a 220-acre impoundment with a maximum depth of 45 feet. Two small patches of Eurasian watermilfoil (*Myriophyllum spicatum* or EWM) were found in June 2006. An aquatic plant management plan was prepared and implemented using a Wisconsin Department of Natural Resources Aquatic Invasive Species Early Detection/Rapid Response grant. A combination of hand pulling and use of 2,4-D granular for larger patches effectively controlled the EWM in 2007. No EWM was found in 2008 and little in 2009. In June 2010, abundant EWM was found on 5 acres. Hand pulling and 2,4-D granular near maximum application rates allowed in 2010 effectively controlled the small EWM infestations. Only a few plants were found in 2011, and no EWM was found in 2012. Weather also appeared to play a role in its distribution and abundance.

Presenters: Laura Sefton, Aquatic Invasive Species Intern, Southwest Badger RC&D and Donna Sefton, Water Supply Specialist, WDNR

Squash Lake Association - Pulling Together to Get to the Root of the Problem

In 2009 Eurasian watermilfoil (EWM) was discovered in the pristine waters of Squash Lake, located in Oneida County. Lakes management contractor Onterra, LLC surveyed the lake and found EWM upwind of the boat landing, which totaled roughly 7.2 acres of the 394 acre lake. After carefully studying all treatment options, the Squash Lake Association voted to hand-harvest the EWM rather than use an herbicide treatment. The hand-harvesting project consists of two unique components: 1) hired SCUBA divers to harvest each plant by the root mass and 2) a Volunteer Milfoil Monitoring Program, where trained monitors scout the lake for EWM, assist divers, and educate lake users. During the summers of 2010-2012, the combined efforts of the divers and the monitors have been successful at significantly reducing and managing the volume of EWM from the lake. Amazingly, this was done without using a single herbicide!

Presenter: Stephanie Boismenu, Volunteer Aquatic Invasive Species Coordinator and EWM Hand-Harvesting Project Coordinator, Squash Lake Association

Rapid Response to EWM and Zebra Mussels in North Lake of the Spread Eagle Chain of Lakes

Zebra mussels and Eurasian watermilfoil were discovered in North Lake of the Spread Eagle Chain in Florence County during an aquatic invasive species survey in coordination with a statewide Wisconsin Department of Natural Resources (WDNR) Great Lakes Restoration Initiative project. Following the discovery, lake management consultant White Water Associates, Inc. coordinated response efforts with the Spread Eagle Chain of Lakes Association (SECOLA), researchers at the University of Wisconsin Stevens Point, and WDNR. Response actions included using snorkeling and SCUBA diving to conduct additional monitoring, integration of the new zebra mussel discovery into a regional research project with the assistance of Citizen Lake Monitoring Network volunteers, and exploring a WDNR Early Detection and Rapid Response grant to develop a containment strategy.

Presenters: Angie Stine, Aquatic Biologist, White Water Associates, Inc., Carl Sundberg, SECOLA Member and CLMN Volunteer, and Bill Frisque, SECOLA Member and CLMN Volunteer

Question and Answer Panel with Presenters

Thursday Sessions, cont.

8:50-9:50am



8:50-9:50am – Ballroom A3 - Native Plants & Animals

How Do Impervious Surfaces Impact Fish, Wildlife and Waterfront Property Values?

What happens when we add hard surfaces like pavement or buildings to the waterfront area? How are fish and wildlife affected? How much impervious surface is too much? Join wildlife biologist Mike Meyer and shoreland policy specialist Lynn Markham to learn about these topics, as well as how impervious surface regulations may be a fit for the shoreland zoning ordinance in your county. Two new publications about how impervious surfaces affect fish and wildlife will also be available to take home to your lake group.

Presenters: Lynn Markham, Land Use Specialist, Center for Land Use – University of Wisconsin- Stevens Point and Mike Meyer, Research Scientist, WDNR

8:50-9:50am – Ballroom A4 - Water Quality, Watersheds & Groundwater

Impaired Water and TMDLs: What's the Process and What's the Role of Citizens and County Staff?

This talk will take you through the steps needed to address the impaired water quality and degraded aquatic ecosystem in Park Lake in Columbia County. Park Lake has high levels of phosphorus which resulted in algal blooms so heavy that aquatic plants struggled to grow, and the lack of aquatic plants has altered the fishery. But, not everyone in the community agrees that this is a bad situation. Hear how citizens, elected officials from the Village of Pardeeville, Columbia County staff, Wisconsin DNR scientists, and UW-Stevens Point staff worked together to collect monitoring data, identify scientifically-based management options, and develop a community plan for Park Lake. Learn about how this effort started, what steps needed to be taken, the scientific results, planning process, management decisions related to the Total Maximum Daily Load for Park Lake, and where they are now in the process.

Presenters: Paul Cunningham, Research Scientist, WDNR, Chris Arnold, Conservation Technician, Columbia County LCD, and Nancy Turyk, Water Resource Scientist, Central Wisconsin Groundwater Center

8:50-9:50am – Auditorium - Cultural Aspects of Lakes

Documentary Movie –Water is Life: Mother Earth Water Walk – Part 1 (with Part 2 shown at 10:30am)

In 2003, two grandmothers of the Anishinawbe people walked around Lake Superior. The following year they walked around Lake Michigan. In 2005 their walk circled Lake Huron and the next three years followed Lake Ontario, Lake Erie, and the St. Lawrence River. As they walked they drew attention to the water in its many forms, waterfalls and mists, rivers and lakes, raindrops and dew. Their mission was to bring awareness about our water, our most needed element of life. The blue-green algae blooms in the waters, the mercury, toxins and limited resources are telling them that our waters are neglected. Clean, fresh water supplies for the future are at risk. The movie chronicles this growing movement.

8:50-9:50am – Meeting Room 6A/6B -

Lake Habitat & Biology

“Sedges on the Edges” Revisited - The Wetland-Lake Connection

This presentation will showcase the ecological connections and overlap between lakes and several wetland types: in-lake aquatic beds, marshes, bogs, swamps along the shoreline, and headwater wetlands upstream of lakes. Join us in a “mini-workshop” to learn about “Sedges on the Edges.”

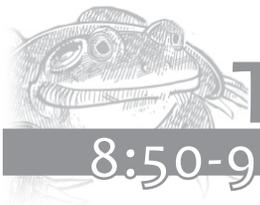
Presenters: Thomas Bernthal, Wetland Monitoring and Assessment Coordinator, WDNR and Patricia Trochlell, Wetland Ecologist, WDNR

Reusable Water Bottles

Pick up a water bottle for only \$5 at the registration desk to show your connection with the Wisconsin Lakes Partnership! Proclaiming “all water is lake water,” these bottles help remind us why we work so hard to protect in partnership our legacy of lakes!

Single-wall aluminum, made in the U.S.A., holds 17 oz.





Thursday Sessions, cont.

8:50-9:50am

8:50-9:50am – Meeting Room 7 - Scientific Lake Research

Stock Characteristics of Lake Whitefish in Lake Michigan

Lake whitefish (*Coregonus clupeaformis*) support important recreational, commercial, and tribal fisheries in the Great Lakes, including Lake Michigan. Genetic analyses indicate at least six distinct lake whitefish stocks exist in Lake Michigan resulting in a mixed-stock fishery. Biological characteristics could vary among these stocks, which could result in stock-specific responses to exploitation. Initial results indicate that some biological differences exist among stocks; continued analysis will determine if these differences are meaningful from a management standpoint.

Presenter: *Matthew Belnap, Graduate Student, University of Wisconsin-Stevens Point*

Largemouth Bass in Northern Wisconsin: Factors Regulating Recruitment and Potential Dietary Interactions with Walleyes

Largemouth bass (*Micropterus salmoides*) abundance has increased in many northern Wisconsin lakes over the last decade. While the exact causes of the recent increases in largemouth bass abundance remain unclear, past climatic conditions that promoted early hatching of largemouth bass could have resulted in higher first-year survival of bass. Additionally, largemouth bass populations could negatively influence walleye populations through predation or competition for prey resources. In discussion of this study, we expect to see a significant positive correlation between hatch date and total length of largemouth bass, and we expect that weekly survival will be higher for early hatched cohorts. Lastly, because largemouth bass and walleye are both piscivores, we expect to see significant diet overlap between the two species.

Presenter: *Craig Kelling, Graduate Research Assistant, University of Wisconsin-Stevens Point*

Evaluating Harvest Regulations for Lake Sturgeon in the White Rapids Section of the Menominee River

The Menominee River currently supports some of the largest stocks of lake sturgeon associated with Lake Michigan, and some of these stocks have supported hook-and-line fisheries for decades. Enacting harvest regulations that prevent overfishing of lake sturgeon in the Menominee River has been a challenge for fishery managers because of lake sturgeon life history. We will present the results of our ongoing simulation exercises and discuss future projects designed to better understand lake sturgeon dynamics in the Menominee River system, including the use of ultrasound technology to identify sturgeon sex and maturation status.

Presenter: *Dan Isermann, Assistant Professor, University of Wisconsin-Stevens Point*

Visit the Wisconsin Lakes booth to purchase these helpful publications!



Thursday Sessions



10:30-11:30am

10:30-11:30am – Ballroom A1 - People, Policy & Politics

Wisconsin Legislative Updates

Here is an opportunity to learn about the public policy work that is supported by Wisconsin Lakes' members. This session will highlight current state budget and legislative activity important to Wisconsin's lakes. We will review updates on the current status of proposed legislation impacting our state's waters, changes to statewide shoreland management rules, reform of State mining and groundwater laws, and other policies affecting our waters. This session also functions as the Wisconsin Lakes Membership meeting.

Presenters: Mary Knipper, Wisconsin Lakes Board President and John Keckhaver, Government Relations and Analysis, LLC and Policy Consultant, Wisconsin Lakes

10:30-11:30am – Ballroom A2 - Aquatic Invasive Species

Wisconsin Ballast Water Program Implementation: Step 1 in the Fight Against New AIS Introduction

For any part of an aquatic invasive species (AIS) strategy to work, we need to prevent the introduction of new species and the spread of existing AIS. This prompted Wisconsin to issue its own permit regulating ballast water discharges in 2010, because federal regulations were not stringent enough to protect Wisconsin's waters. Implementation of the new ballast water program includes issuing permits, conducting outreach, and inspections aboard vessels. Our presentation will provide a review and update of Wisconsin's ballast water program, summarize results of inspections conducted in 2011-2012, and include an overview of compliance-related issues found through inspections. We will also discuss the importance of continuing to regulate ballast water as the first mechanism to help prevent inland waterbodies from being infested with new AIS and provide an update on the current status of state and federal regulations.

Presenters: Cordell Manz, Lake Superior Ballast Water Inspector, WDNR and Susan Eichelkraut, Lake Michigan Ballast Water Inspector, WDNR

10:30-11:30am – Ballroom A3 - Native Plants & Animals

Perils to Frogs and Wetlands

During the 1990s, deformed frogs emerged from hundreds of wetlands all over Minnesota and in many other states as well. Some scientists documented the types and the extent of the frog malformations, while others conducted basic research to try to understand potential causes. Recent surveys show high percentages of deformed frogs still appearing across the county. What do we know now about the mysterious epidemic of deformed frogs that continues today? What are some of the knowledge gaps and barriers that make solving this mystery so difficult? This talk will give an overview of the deformed frogs and some of the perils that continue in Minnesota's wetlands.

Presenter: Judy Helgen, Wetlands and Deformed Frog Researcher

10:30-11:30am – Ballroom A4 - Water Quality, Watersheds & Groundwater

St. Croix Civic Engagement and TMDL Project

Join us to learn about the fantastic collaboration and civic engagement surrounding the St. Croix watershed. Who is responsible for their lake's health? Find out how the St. Croix management strategy worked with the integration of two states and the governance involved.

Presenter: Patrick "Buz" Sorge, Lake Coordinator, WDNR

10:30-11:30am – Auditorium - Cultural Aspects of Lakes

Documentary Movie –Water is Life: Mother Earth Water Walk – Part 2

See description on page 29.



Thursday Sessions, cont.

10:30-11:30am

10:30-11:30am – Meeting Room 6A/6B - Lake Habitat & Biology

Oxbows, Delta Ponds, and Sloughs: Wisconsin’s Forgotten Lakes

Despite decades of progressive lake research, monitoring, and management in Wisconsin, an entire class of lakes exists outside mainstream management. Floodplain lakes, perhaps overshadowed by the scores of glacial lakes in the state and lacking constituencies, are poorly understood and rarely investigated. Yet, these mysterious waterbodies provide essential ecological services and are critical for maintaining biodiversity. Learn more about these unique and “life rich” habitats.

Presenter: Dave Marshall, Consultant, Underwater Habitat Investigations LLC

10:30-11:30am – Meeting Room 7 - Scientific Lake Research

Measurements of Lakeshore Habitat Restoration: Preliminary Findings 2007-2012

Lakeshore development for housing and recreation in the Great Lakes states has resulted in substantial loss of habitat and wildlife diversity and has increased the potential of input of surface-water runoff sediments and nutrients. In Vilas and Ashland counties of northern Wisconsin, partnerships have been formed between government agencies, academic institutions, private landowners, and community volunteers to investigate the social and ecological benefits of restoring impaired lakeshores. This project investigates the benefits and best practices of planting native trees, shrubs, and forbs, installation of down woody material, soil erosion and bank stabilization products, and other green infrastructure to increase the success of restoration projects. The long-term results will provide insight into which restoration practices are most effective in re-establishing impaired lakeshores in Wisconsin.

Presenters: Mike Meyer, Research Scientist, WDNR, Brick Fevold, Wildlife Ecologist, WDNR, and Dan Haskell, Applied Ecologist, Michigan Technological University

Help Make Your Convention Better!

Please take a moment to fill out the bright green survey that’s in your convention folder - we will use your input to enhance future conventions. Return the survey to the registration desk and pick up your complimentary keychain or bobber AND a raffle ticket to be entered for a chance to win one of these great prizes:

- a complimentary two-night hotel stay at the 2014 Lakes Convention!
- this one-of-a-kind 2013 WI Lakes Partnership Convention puzzle!

Drawing will be held during closing remarks Thursday, April 11 at 3:30pm. Must be present to win!

Puzzle Pieces in Your Nametag

You may have noticed there are a couple of puzzle pieces in your nametag...be part of the solution! Work with other convention participants to show how your diverse and unique pieces join with others to create a broader picture. This puzzle reminds us that “we’re all in this together!”

Look for the puzzle table near the photo contest display in the Exhibit Hall.



Thursday Special Sessions



1:30-2:30pm

1:30-2:30pm – Ballroom A1

Lessons Learned: The AIS Budget Initiative and How to Mobilize Locally

This session will increase your understanding about how to influence public policy and mobilize locally by examining the lessons learned in researching, developing, and advocating for an ambitious statewide AIS budget initiative.

Presenter: John Keckhaver, Government Relations and Analysis, LLC and Policy Consultant for Wisconsin Lakes

1:30-2:30pm – Ballroom A2

Decontamination Recommendations for Aquatic Invasive Species

Come and learn about the latest thinking on decontamination of recreational equipment to stop the spread of aquatic invasive species (AIS). Wisconsin has a well-established set of effective prevention steps to stop the spread of AIS (Inspect, Remove, Drain, and Never Move plants or live fish). However, there are some situations when additional precautions are recommended. In the fall of 2012, an ad-hoc committee was assembled to develop statewide guidance on when, where, and how to decontaminate recreational equipment to help stop the spread of AIS. This session will introduce the draft AIS decontamination guidelines developed by the committee and will collect public comments on the topic.

Presenters: Bob Wakeman, Statewide Aquatic Invasive Species Coordinator, WDNR and Erin Vennie-Vollrath, Water Resources Management Specialist, WDNR

1:30-2:30pm – Ballroom A3

Nonconforming Structures and the Impact of 2011 WI Act 170 on Shoreland Zoning Ordinances

On April 2, 2012, Governor Walker signed 2011 Wisconsin Act 170, which modifies the regulation of nonconforming structures under s. 59.69(10) and s. 59.692 of the Wisconsin Statutes. Act 170 represents a significant change in statewide policy governing nonconforming structures and reduces the flexibility counties previously had in the development of a shoreland ordinance that more stringently regulated nonconforming structures and substandard lots in shoreland zones. The presentation will describe the legislation and its impact on shoreland zoning ordinances.

Presenter: Heidi Kennedy, Shorelands Policy Coordinator, Wisconsin Dept. of Natural Resources

1:30-2:30pm – Ballroom A4

Bad River Watershed & Mining Concerns

A proposal is in development to create an open pit iron mine between Upson and Mellen in the coming years. As this mining proposal develops, we are following closely to gauge how a project like this will affect our watershed community. Like many of you, we are interested in the potential economic benefits this may bring. And also, like many of you, we are greatly concerned about how this could affect our groundwater, streams, fish, wildlife, forests, and many other resources we have come to rely on. There is no doubt that this potential development will bring a big change to our watershed, and there are many unanswered questions as to what these changes will look like and how they will affect all of us and our water resources. As we would with any other local issue, the BRWA is working to provide local people with facts and important information to consider as we all deliberate and form our opinions about this issue. Additionally, as we would with any other local issue, we are working to ensure that local people have a voice in what happens to their watershed. We will provide some information here to educate citizens on the watershed and the impacts a project of this scale could have on our local resources.

Presenter: Cyrus Hester, Environmental Specialist, Bad River Tribe



Thurs. Special Sessions, cont.

1:30-2:30pm

1:30-2:30pm – Auditorium

My Healthy Wetlands

Learn about the land stewardship resources that are available to wetland landowners, and share your thoughts on new tools that would help better protect wetlands in your communities.

Presenter: Katie Beilfuss, Outreach Programs Director, Wisconsin Wetlands Association

1:30-2:30pm – Meeting Room 6A/6B

No Child Left Inside

Today's youth are spending less time outdoors and more time in front of electronic screens. Without regular exposure to nature, young people are deprived of the opportunities to understand ecology first-hand and may lack the knowledge and capacity to make sound decisions about natural resources and pollution in the future. Lake organizations and lakefront homeowners can play important and powerful roles in helping young people to get outside and connect with nature. In this special session, you will hear from regional leaders who have been designing, implementing, and promoting effective programs that provide nature-based learning opportunities for all youth, regardless of their background or access to the outdoors. Their lessons should inspire anyone who thinks that it is too difficult to help youth get outside and enjoy nature.

Presenters: Dudley Edmundson, Nature Photographer, Ben Thwaits, Expressive Arts Coordinator, Northwest Passage, and Ken Leinbach, Executive Director, Urban Ecology Center

1:30-2:30pm – Meeting Room 7

Guiding for Tomorrow: The Changing Climate, Changing Culture Initiative

The Guiding for Tomorrow Changing Climate, Changing Culture Initiative is a unique approach to increasing climate change literacy by integrating scientific research with real-world evidence of how climate change is affecting traditional Ojibwe culture. The project uses Native perspectives to help people of all cultures better understand how climate change is affecting their community and what they can do about it. This presentation will share the project's educational outreach strategies including development of a web-based service learning curriculum, teacher professional development program, and the Changing Climate, Changing Culture interactive learning center at the Northern Great Lakes Visitor Center in Ashland, WI. The presentation will highlight the emerging climate change and culture outreach partnership between UW-Extension, the Great Lakes Indian Fish and Wildlife Commission, U.S. Forest Service, Apostle Islands National Lakeshore, and the Wisconsin State Historical Society with funding from the Great Lakes Restoration Initiative and the Wisconsin Coastal Management Program - National Oceanic and Atmospheric Administration.

Presenter: Cathy Techtmann, UW-Extension Environmental Outreach Specialist, Northern Great Lakes Visitor Center



Thank You!

Anna Anderson
Kim Becken
Mike Engleson
Reesa Evans
Maureen Ferry
Kevin Gauthier
Patrick Goggin
Laura Herman
Jesha Holcomb-
LaMarche
Amy Kowalski
Mary Knipper
Maud LaMarche

Erin McFarlane
Dan McFarlane
Brenda Nordin
Eric Olson
Carroll Schaal
Carolyn Scholl
Paul Skawinski
Buzz Sorge
Susan Tesarik
Jeff Thornton
Nancy Turyk
Karen von Huene
Sandy Wickman

2013
Wisconsin
Lakes Partnership
Convention
Planning Team

Back to the Point!

Save the Date: April 24-26, 2014

Holiday Inn Hotel & Convention Center ~ Stevens Point, WI

2014 marks the 36th year that folks will gather statewide to learn about and organize for the protection of Wisconsin lakes. In the early years, UW Extension organized gatherings of lake district commissioners at the UW Madison and Stevens Point campuses. The organizing committee at that time focused on the nuances of operating lake districts, which were still relatively new and uncommon, and the threats of acid rain. Now there are more than 200 districts and many more incorporated lake associations all working hard to protect and restore our freshwater treasures. To make it a little easier for all of us to get together in one place, we are moving the annual Lakes Partnership Convention back to Stevens Point in 2014.

The new Holiday Inn on the city's east end will be an excellent gathering space, and the central location will make it a bit easier for lake lovers in northcentral and northwest Wisconsin to join us. We are also reverting back to a schedule that focuses the "meat" of the convention on Friday and Saturday, with optional half- and full-day workshops on Thursday. We hope that by having part of the convention on a Saturday, we can attract more folks who have weekday work commitments which, because of this, have limited their involvement in recent conventions. We believe that by holding the convention closer to the UW-Stevens Point campus, we will be able to better connect with professors, students, and others who can enliven our annual gathering.

SAVE THE DATE
for next year's Wisconsin
Lakes Partnership Convention:
April 24-26, 2014.

We also want to enlist your help in making the 2014 convention a huge success. We always take your input sincerely! Be sure to fill out and turn in your convention evaluation and note anything you want us to keep in mind for next year. We also need people like you to provide input at our initial convention planning meeting, tentatively set for Wednesday, June 26th in Stevens Point. Staff from UW-Extension, Wisconsin DNR, Wisconsin Lakes, and other partners gather at this meeting to review the previous conventions and scope out the workshops and topical streams we plan to feature in the coming year. We welcome anyone who would like to join us for this kickoff meeting; contact us at uwexplakes@uwsp.edu or 715-346-2116 for more details.



*Wisconsin
Lakes
Partnership*

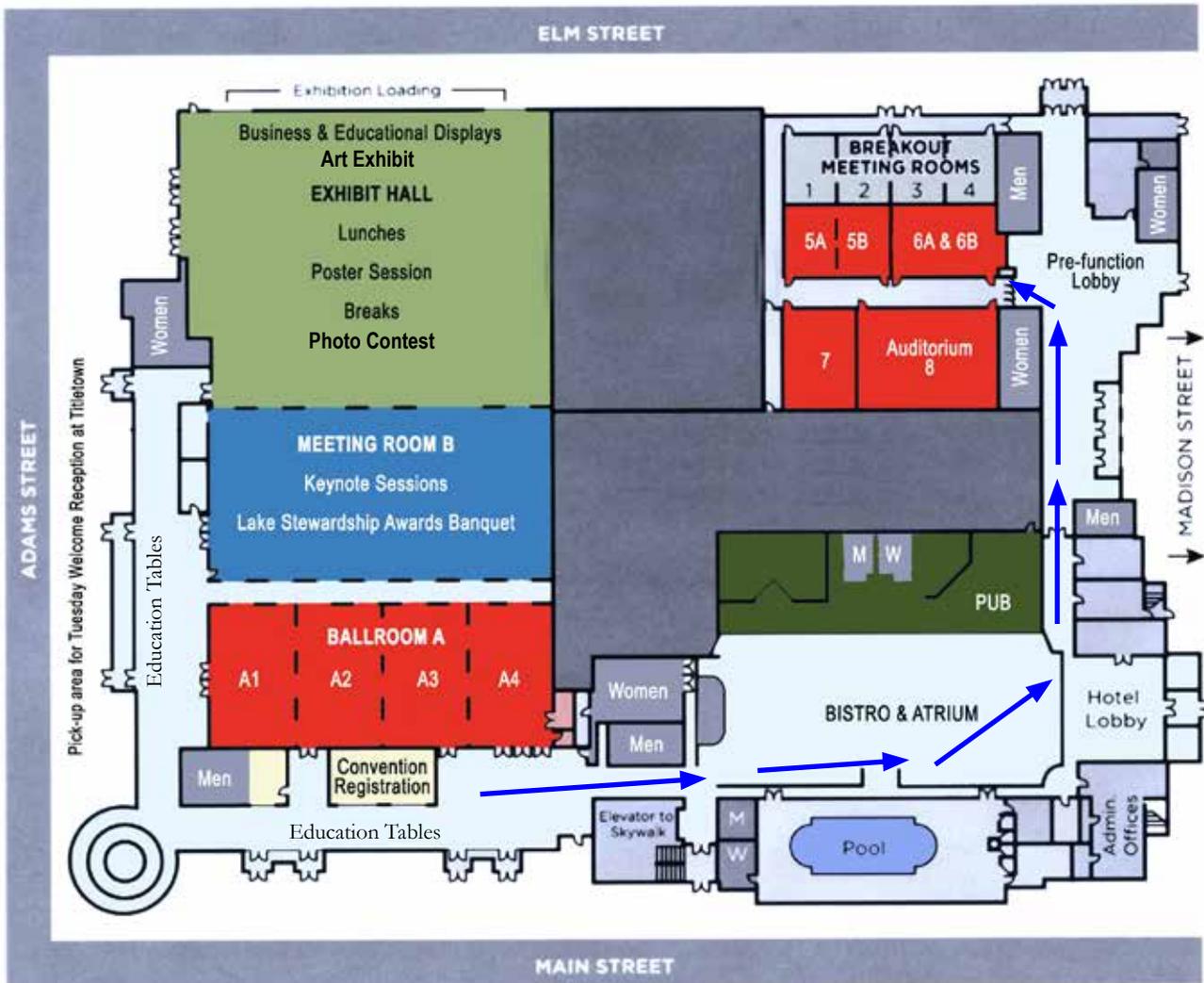


**UW
Extension**
Cooperative Extension



College of Natural Resources
University of Wisconsin - Stevens Point

Hyatt and KI Convention Center



→ follow blue arrow to
Rooms 5A/5B, 6A/6B, 7 & 8 (Auditorium)



What we should celebrate more than diversity is what we do with it. How do we bring everyone in the tent and create something together? In a twenty-first century way that activates our true potential, we all need to become sworn-again.

~Eric Liu