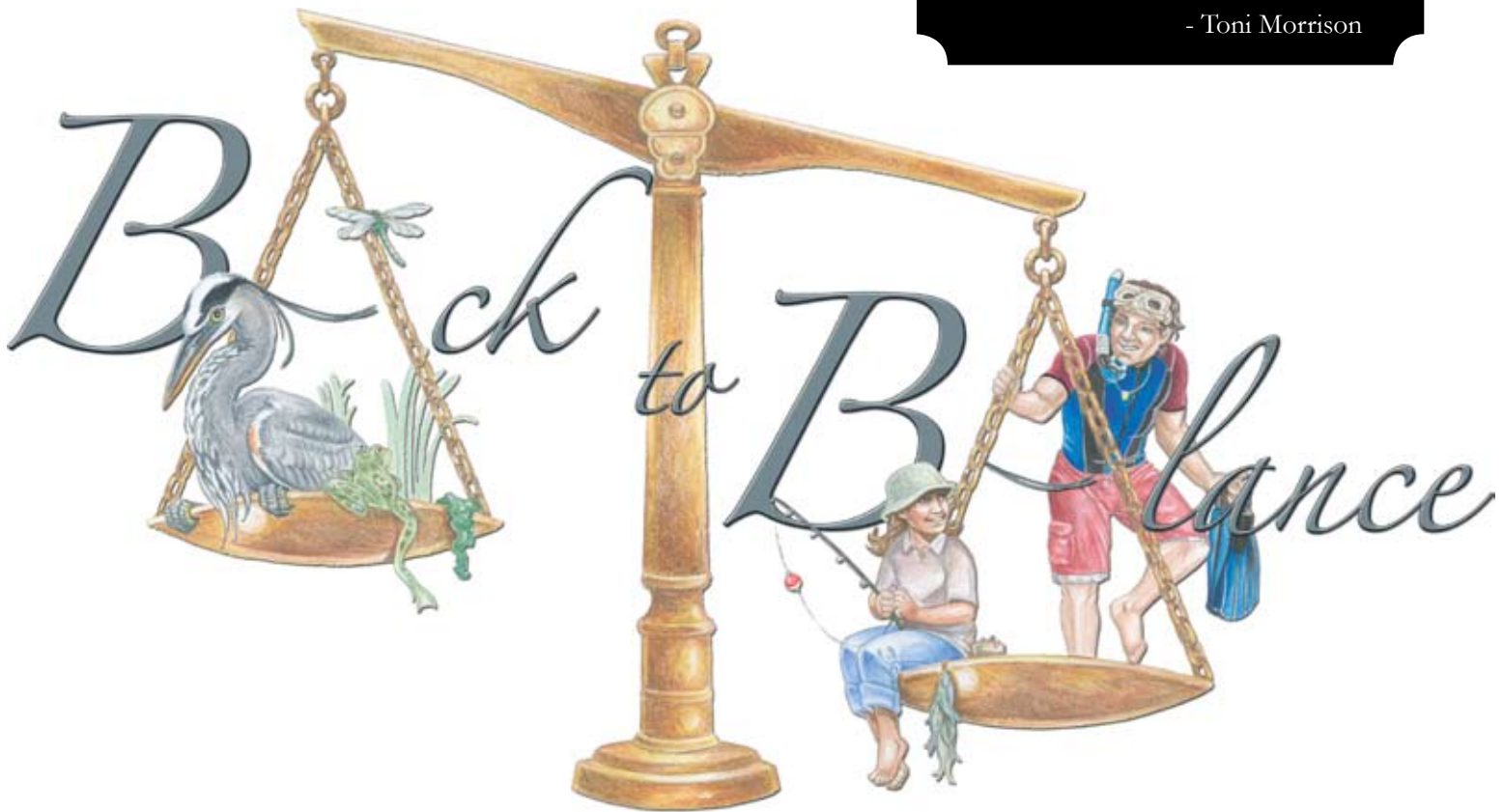


# Agenda

“All water has a perfect memory and is forever trying to get back to where it was.”

- Toni Morrison



## 31<sup>st</sup> Annual Wisconsin Lakes Convention

March 18-20, 2009 ~ KI Convention Center, Green Bay

# Welcome

## to the 31<sup>st</sup> Annual Wisconsin Lakes Convention

Over the past 31 years, an early spring tradition, in Wisconsin, has been the gathering of lake people to discuss the challenges facing our fresh waters.

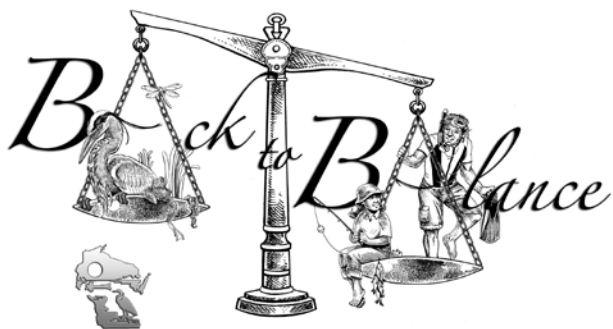
When the Lakes Convention started in 1978, Jimmy Carter was president, the federal debt was \$776 billion, an average household income was \$15,000 and the Dow Jones was around 1000. Three decades have passed and just like our country, our lakes are facing more expensive and complex issues...many with an international connection.

One such connection is **aquatic invasive species** (AIS). These AIS, along with other natural and man-made disturbances, can skew healthy lake ecosystems out of

balance. With this in mind, the theme of the 2009 Wisconsin Lakes Convention is “Back to Balance.” Joining us here in Green Bay is a group of AIS experts from around North America. The goal is to give us an opportunity to discuss the research, management options, educational ideas and needed policy changes to help bring our lakes “back to balance.”

Thank you for joining us.

*The Wisconsin Lakes Partnership*



*2009 Wisconsin Lakes Convention*

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*Agenda subject to change without notice.*



# Convention At-A-Glance

*Agenda subject to change*

## Wednesday

8:00 am-6:00 pm	Convention Lobby	Registration Open
9:00 am-6:30 pm	Exhibit Hall	Exhibits Open
<b>9:00 am-12:00 pm</b>	<b>Breakout Rooms</b>	<b>Morning Workshops</b>
10:15-10:45 am	Exhibit Hall	Refreshment Break
Noon-1:00 pm	Exhibit Hall	Lunch & Welcome
<b>1:00-5:30 pm</b>	<b>Meeting Room B</b>	<b>Plenary Session - AIS in an Era of Globalization: Making Linkages Around the World</b>
2:45-3:15 pm	Exhibit Hall	Refreshment Break
5:30-7:00 pm		Networking time (dinner on your own)
<i>EVENING EVENTS</i>		
<b>6:00-7:00 pm</b>	<b>Ballroom A1</b>	<b>Wisconsin Association of Lakes (WAL) Meeting</b>
<b>7:00-8:00 pm</b>	<b>Ballrooms A2</b>	<b>Special Session</b>
8:00-11:00 pm	Pre-function Lobby	Wisconsin Lakes Convention Welcome Reception (all participants welcome)

## Thursday

7:30am-5:00pm	Convention Lobby	Registration Open
8:00am-6:00pm	Exhibit Hall	Exhibits Open
<b>8:00am-Noon</b>	<b>Meeting Room B</b>	<b>Plenary Session - Wisconsin's AIS Strategy: Smart Prevention, Containment and Control</b>
10:00-10:30 am	Exhibit Hall	Refreshment Break
<b>Noon-2:00pm</b>	<b>Exhibit Hall</b>	<b>Lunch &amp; Poster Presentation Session</b>
<b>2:00-2:50pm</b>	<b>Breakout Rooms</b>	<b>Concurrent breakout sessions</b>
<b>3:00-3:50pm</b>	<b>Breakout Rooms</b>	<b>Concurrent breakout sessions</b>
3:50-4:20pm	Exhibit Hall	Refreshment Break
<b>4:30-5:20pm</b>	<b>Breakout Rooms</b>	<b>Concurrent breakout sessions</b>
5:30-7:00pm		Networking time
<b>7:00-9:00pm</b>	<b>Meeting Room B</b>	<b>Lake Stewardship Awards Banquet</b> (all participants welcome)
<i>EVENING EVENTS</i>		
9:00-11:00pm	Meeting Room B	Entertainment - Irene's Garden & Refreshments

## Friday

8:00am	Convention Lobby	Registration Open
8:00am	Exhibit Hall	Exhibits Open
8:00-9:00am		Networking time
<b>9:00am-4:30pm</b>	<b>Breakout Rooms</b>	<b>All-day workshops</b>
<b>9:00am-Noon</b>	<b>Breakout Rooms</b>	<b>Morning workshops</b>
10:00-10:30am	Exhibit Hall	Refreshment Break
Noon-1:30pm	Exhibit Hall	Lunch & speakers
<b>1:30-4:30pm</b>	<b>Breakout Rooms</b>	<b>Afternoon Workshops</b>
2:45-3:15pm	Exhibit Hall	Refreshment Break

*The Wisconsin Lakes Convention concludes by 4:30 pm on Friday, March 20, 2009.*



# Wednesday Agenda

## March 18, 2009

<b>Morning Workshops</b>			
	<b>Off site</b>	<b>Ballroom A1</b>	<b>Ballroom A2</b>
9:00 am-12:00 pm	<b>Lake Data on the Web</b>  <i>Jennifer Filbert</i> <i>Maud LaMarche</i>  <i>Limit: 20, Pre-registration required</i> <b>Bus departs at 8:30 am from the Adams Street exit.</b>  page 10	<b>Name That Plant! Aquatic Plant ID</b>      <i>Susan Knight</i> <i>Alison Mikulyuk</i>  page 10	<b>Limnology 101</b>      <i>Pamela Toshner</i> <i>Buzz Sorge</i>  page 10
10:15-10:45 am	<b>Refreshment Break in Exhibit Hall</b>		
12:00-1:00 pm	<b>Welcome &amp; Lunch in Exhibit Hall</b>		
1:00-5:30 pm	<b>Plenary Session - Meeting Room B</b> <b>AIS in an Era of Globalization: Making Linkages Around the World</b> Welcome ~ <i>Mr. Jeff Bode</i> Biological Invasions as a Form of Global Change: The Freshwater Perspective ~ <i>Dr. Tony Ricciardi</i> Aquatic Invasive Species: A Global Threat with Local Impacts ~ <i>Dr. Phil Moy</i> Ecosystem Impacts of AIS Spread by Shipping ~ <i>Dr. David Lodge</i> Movement of Invasive Aquatic Plants Through Water Gardening ~ <i>Ms. Kristine Maki</i> Panel Discussion Water Plants - <i>A Digital Production</i>  See pages 12-13 for speaker descriptions		
2:45-3:15 pm	<b>Refreshment Break in Exhibit Hall</b>		
5:30-7:00 pm	<b>Networking Time</b> (dinner on your own)		
6:00-7:00 pm		<b>Wisconsin Association of Lakes Meeting</b> <i>Everyone welcome!</i>  page 11	
7:00-8:00 pm			<b>Public Opinion About VHS and AIS in Wisconsin</b>    <i>Bret Shaw</i>  page 11
8:00-11:00 pm	<b>Wisconsin Lakes Convention Welcome Reception</b> <b>Pre-function Hotel Lobby and Rooms 6a &amp; 6b</b>  page 11		

**Registration Open ~ 8:00 am-6:00 pm ~ Convention Center Lobby**

# Wednesday Agenda

March 18, 2009



Morning Workshops		
Room	Ballroom A3	Ballroom A4
9:00 am-12:00 pm	<b>Consultants Roundtable: Improving Lake Management and Planning Services Provided to Local Lake Organizations</b>  <i>Dwight Osmond</i> <i>Tim Asplund</i> <i>Frank Koshere</i> <i>Kevin Gauthier, Sr.</i> <i>Matt Sunseri</i>  page 10	<b>Aquatic Invasive Species Management Tools and Guidance</b>          <i>Carolyn Scholl</i>  page 11
10:15-10:45 am	<b>Refreshment Break in Exhibit Hall</b>	
12:00-1:00 pm	<b>Welcome &amp; Lunch in Exhibit Hall</b>	
1:00-5:30 pm	<b>Plenary Session - Meeting Room B</b> <b>AIS in an Era of Globalization: Making Linkages Around the World</b> Welcome ~ <i>Mr. Jeff Bode</i> Biological Invasions as a Form of Global Change: The Freshwater Perspective ~ <i>Dr. Tony Ricciardi</i> Aquatic Invasive Species: A Global Threat with Local Impacts ~ <i>Dr. Phil Moy</i> Ecosystem Impacts of AIS Spread by Shipping ~ <i>Dr. David Lodge</i> Movement of Invasive Aquatic Plants Through Water Gardening ~ <i>Ms. Kristine Maki</i> Panel Discussion Water Plants - <i>A Digital Production</i>  See pages 12-13 for speaker descriptions	
2:45-3:15 pm	<b>Refreshment Break in Exhibit Hall</b>	
5:30-7:00 pm	<b>Networking Time</b> (dinner on your own)	
8:00-11:00 pm	<b>Wisconsin Lakes Convention Welcome Reception</b> <b>Pre-function Hotel Lobby and Rooms 6a &amp; 6b</b>  <i>page 11</i>	

**Exhibits Open ~ 9:00 am-6:30 pm ~ Exhibit Hall**



# Thursday Agenda

## March 19, 2009

8:00 am-12:00 pm	<p align="center"><b>Plenary Session - Meeting Room B</b></p> <p align="center"><b>Wisconsin's AIS Strategy: Smart Prevention, Containment and Control</b></p> <p>Welcome ~ <i>Mr. Jeff Bode, Master of Ceremonies</i></p> <p>Smart Prevention of Aquatic Invasive Species in Wisconsin ~ <i>Dr. Jake Vander Zanden</i></p> <p>Viral Hemorrhagic Septicemia: A New Aquatic Invasive Species ~ <i>Mr. Michael Staggs</i></p> <p>Controlling and Managing Aquatic Invasive Species ~ <i>Dr. Jennifer Hauxwell</i></p> <p>Panel Discussion</p> <p align="right">See pages 14-15 for speaker descriptions</p>		
10:00-10:30 am	<p align="center"><b>Refreshment Break in Exhibit Hall</b></p>		
12:00-2:00 pm	<p align="center"><b>Lunch and Poster Session in Exhibit Hall</b></p> <p align="center">Lunch begins at 12:00 and Poster Session runs 12:30-2:00 pm</p> <p align="right">See pages 17-18 for poster descriptions</p>		
<b>Stream</b>	<b>Understanding Impacts of Invasives</b>	<b>Management &amp; Control of AIS - Research</b>	<b>AIS Success Stories</b>
<b>Room</b>	<b>Ballroom A1</b>	<b>Ballroom A2</b>	<b>Ballroom A3</b>
	<i>Moderator: Tim Asplund</i>	<i>Moderator: Ted Johnson</i>	<i>Moderator: Carolyn Scholl</i>
2:00-2:50 pm	<p><b>Sociological and Economic Impacts of AIS</b></p> <p align="right"><i>Mark Eiswerth</i> <i>David Lewis</i></p> <p>page 19</p>	<p><b>Long-term Trends in Eurasian Water-milfoil Management</b></p> <p align="right"><i>Jennifer Hauxwell</i> <i>Alison Mikulyuk</i> <i>Michelle Nault</i></p> <p>page 19</p>	<p><b>Innovation in Carp Management at Big Green Lake</b></p> <p align="right"><i>Charlie Marks</i></p> <p>page 19</p>
3:00-3:50 pm	<p><b>Impacts of Invasive Animals on Lake Food Webs</b></p> <p align="right"><i>Chris Solomon</i> <i>Gretchen Hansen</i></p> <p>page 20</p>	<p><b>Evaluation of Chemical Control Methods to Manage Aquatic Invasive Plants</b></p> <p align="right"><i>Mike Netherland</i> <i>John Skogerboe</i></p> <p>page 21</p>	<p><b>Getting Kids on Board with AIS: A Program for Young Children</b></p> <p align="right"><i>Judy Ruch</i></p> <p>page 21</p>
3:50-4:20 pm	<p align="center"><b>Refreshment Break in Exhibit Hall</b></p>		
4:30-5:20 pm	<p><b>Implementing Smart Prevention, Containment and Control at State and Local Levels</b></p> <p align="right"><i>Lindsay Chadderton</i> <i>Tim Asplund</i> <i>David Lodge</i> <i>Jake Vander Zanden</i> <i>Jennifer Hauxwell</i></p> <p>page 22</p>	<p><b>Water Level Flux to Control AIS and Restore Impoundments</b></p> <p align="right"><i>Scott Provost</i></p> <p>page 22</p>	<p><b>Unified Eagle River Chain Lakes Commission: Challenges in EWM Management</b></p> <p align="right"><i>Steve Favorite</i> <i>Matt Wagner</i></p> <p>page 22</p>
5:30-7:00 pm	<p align="center"><b>Networking Time</b></p>		
7:00-9:00 pm	<p align="center"><b>Lake Stewardship Banquet and Awards Ceremony</b></p> <p align="center"><b>Meeting Room B</b></p> <p>Additional showing Water Plants - <i>A Digital Production</i></p> <p align="center">All participants welcome</p> <p align="right"><i>see details on page 23</i></p>		
9:00-11:00 pm	<p align="center"><b>Entertainment from Irene's Garden</b></p> <p align="center"><b>Free Beer, Wine, Soda &amp; Snacks ~ Cash Bar</b></p> <p align="right"><i>see details on page 29</i></p>		

# Thursday Agenda

## March 19, 2009



8:00 am-12:00 pm	<p align="center"><b>Plenary Session - Meeting Room B</b>  <b>Wisconsin's AIS Strategy: Smart Prevention, Containment and Control</b>                  Welcome ~ <i>Mr. Jeff Bode, Master of Ceremonies</i>                  Smart Prevention of Aquatic Invasive Species in Wisconsin ~ <i>Dr. Jake Vander Zanden</i>                  Viral Hemorrhagic Septicemia: A New Aquatic Invasive Species ~ <i>Mr. Michael Staggs</i>                  Controlling and Managing Aquatic Invasive Species ~ <i>Dr. Jennifer Hauxwell</i>                  Panel Discussion</p> <p align="right">See pages 14-15 for speaker descriptions</p>	
10:00-10:30 am	<p align="center"><b>Refreshment Break in Exhibit Hall</b></p>	
12:00-2:00 pm	<p align="center"><b>Lunch and Poster Session in Exhibit Hall</b>                  Lunch begins at 12:00 and Poster Session runs 12:30-2:00 pm                  See pages 17-18 for poster descriptions</p>	
<b>Stream</b>	<b>County/Regional AIS Strategies</b>	<b>Invasives at the Water's Edge &amp; in the Great Lakes</b>
<b>Room</b>	<b>Ballroom A4</b>	<b>Champion's Club</b>
	<i>Moderator: Erin Henegar</i>	<i>Moderator: Paul Schumacher</i>
2:00-2:50 pm	<p><b>AIS Coordinators: Valuable Parts of Aquatic Invasive Species Strategies</b></p> <p align="right"><i>Audrey Greene</i> <i>Tom Ward</i></p> <p>page 19</p>	<p><b>Managing Invasive Species in Wisconsin's Door Peninsula</b></p> <p align="right"><i>Bob Bultman</i></p> <p>page 20</p>
3:00-3:50 pm	<p><b>Establishing a Communication Strategy</b></p> <p align="right"><i>Ted Ritter</i> <i>Diane Schaner</i></p> <p>page 21</p>	<p><b>Meeting the Challenges of Invasive Species in Wetlands</b></p> <p align="right"><i>Brock Woods</i></p> <p>page 21</p>
3:50-4:20 pm	<p align="center"><b>Refreshment Break in Exhibit Hall</b></p>	
4:30-5:20 pm	<p><b>Great Lakes Indian Fish and Wildlife Commission (GLIFWC) Cooperative AIS Efforts</b></p> <p align="right"><i>Miles Falck</i></p> <p><b>Engaging River Enthusiasts in the Fight Against Invasive Species</b></p> <p align="right"><i>Laura MacFarland</i></p> <p>page 23</p>	<p><b>Ecosystem Level Effects of Invasive Dreissenid Mussels</b></p> <p align="right"><i>Scott Higgins</i></p> <p>page 23</p>
5:30-7:00 pm	<p align="center"><b>Networking Time</b></p>	
7:00-9:00 pm	<p align="center"><b>Lake Stewardship Banquet and Awards Ceremony</b>                  Meeting Room B                  Additional showing: <i>Water Plants - A Digital Production</i>                  All participants welcome</p> <p align="right"><i>see details on page 23</i></p>	
9:00-11:00 pm	<p align="center"><b>Entertainment from Irene's Garden</b>                  Free Beer, Wine, Soda &amp; Snacks ~ Cash Bar</p> <p align="right"><i>see details on page 29</i></p>	



# Friday Agenda

March 20, 2009

All-day Workshops			Special Session
Room	Ballroom A1	Ballroom A2	Mtg. Rm 6a & 6b
8:00-9:00 am	Networking time		
9:00 am-12:00 pm	<b>Lake District Commissioner Training</b>  <i>Judy Jooss</i> <i>Jeff Thornton</i>  page 24	<b>Running An Effective Lake Organization</b>  <i>Dan Hill</i> <i>Dayo Adesuyi</i> <i>Rob Kroblow</i> <i>Panel facilitated by Ken Wiesner</i>  page 24	
10:00-10:30 am	Refreshment Break in Exhibit Hall		
10:30 am-12:00 pm	<i>Continues after lunch</i>	<i>Continues after lunch</i>	<b>Bloom and Gloom: The Scoop on Blue-Green Algae and Human Health</b>  <i>Mark Werner</i>  page 26
12:00-1:30 pm	<b>Lunch in Exhibit Hall</b> <i>Speakers: Representative Thomas Nelson &amp; Representative Spencer Black</i>		
1:30-4:30 pm			
2:45-3:15 pm	Refreshment Break in Exhibit Hall		
	<i>Convention concludes by 4:30 pm</i>	<i>Convention concludes by 4:30 pm</i>	

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



# Friday Agenda

## March 20, 2009



### Half-day Workshops

Room	Ballroom A3	Ballroom A4	Champion's Club	Mtg. Room 7	Auditorium/ Mtg. Room 8
8:00-9:00 am	Networking time				
9:00 am-12:00 pm	<b>Clean Boats, Clean Waters Training</b>  <i>Erin Henegar Brenda Nordin Sandy Wickman</i>  page 25	<b>Regional Approaches to Smart Prevention</b>  <i>Jeff Maxted</i>  page 25	<b>Working with Media: Getting Them on Your Side and Putting Your Best Foot Forward</b>  <i>Mary Farmiloe Tom Turner</i>  page 25	<b>An Integrative Approach in the Management of Phragmites</b>  <i>Ingrid West</i>  page 26	<b>Succession Planning of Family Land</b>  <i>Bill O'Connor</i>  page 26
10:00-10:30 am	Refreshment Break in Exhibit Hall				
10:30 am - 12:00 pm					<b>Legal Updates</b>  <i>Bill O'Connor</i>  page 26
12:00-1:30 pm	<b>Lunch in Exhibit Hall</b> <i>Speakers: Representative Thomas Nelson &amp; Representative Spencer Black</i>				
1:30-4:30 pm	<b>Aquatic Invasive Species Monitoring Through the Citizen Lake Monitoring Network</b>  <i>Laura Herman Jay Schiefelbein Brenda Nordin</i>  page 27	<b>County Roundtable Discussion</b>  <i>Julia Solomon Earl Cook</i>  page 27	<b>Educating for Stewardship: Inspiring and Engaging Youth</b> <i>Mary Jo Fleming Jeremy Williamson Amy Kelsey Patty Zerger David Zerger Heather Weigelt</i> Facilitator: <i>Carol LeBreck</i>  page 27	<b>Groundwater Ordinance Development</b>  <i>Daniel Bach</i>  page 28	<b>Aquatic Invasive Species Cuisine: Eating Your Way to a Healthier Lake</b>  <i>Patrick Goggin Mickey Goggin</i>  page 28
2:45-3:15 pm	Refreshment Break in Exhibit Hall				
	<i>Convention concludes by 4:30 pm</i>	<i>Convention concludes by 4:30 pm</i>	<i>Convention concludes by 4:30 pm</i>	<i>Convention concludes by 4:30 pm</i>	<i>Convention concludes by 4:30 pm</i>

**Exhibits Open ~ 8:00 am-2:00 pm ~ Exhibit Hall**

# Wednesday Workshops

9:00am-12:00pm

8:30am bus departs from Adams Street (west side of convention lobby)

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

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

*Presenter: Jennifer Filbert, WDNR and Maud LaMarche, UW-Extension Lakes*

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

## **Name That Plant! Aquatic Plant ID** ~ *pre-registration required* ~ *Fee \$30* ~ *Workshop full*

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

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

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

## **Limnology 101**

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

*Presenters: Pamela Toshner and Buzz Sorge, WDNR*

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

## **Consultants Roundtable: Improving Lake Management and Planning Services Provided to Local Lake Organizations**

Join us for a roundtable discussion of how to enhance and improve lake management and planning services provided to local lake organizations, increase consistency among lake management plans and projects, and clarify State expectations and requirements for Aquatic Plant Management (APM) and Lake Management Plan approval. This workshop is especially designed for lake management professionals, lake planning consultants, aquatic herbicide applicators, aquatic plant surveyors, and others involved in contracting for services as part of lake planning, protection, and aquatic invasive species (AIS) grants. As a result, presentations will focus on the latest AIS grant requirements as specified in NR198, elements of an "approved" lake management plan, recent changes in the APM Guide, large-scale lake and APM project guidelines, the recently adopted Northern Region Strategy to Protect Native Aquatic Plants and updated monitoring protocols. There will also be ample time for questions, discussion, and suggestions for improving the State's administration and oversight of grant-funded projects.

*Presenter: Dwight Osmon, Hey and Associates, Inc., Tim Asplund, Frank Koshere and Kevin Gauthier, WDNR, Matt Sunseri, Dept. of Ag. Trade and Consumer Protection*

# Wednesday Workshops, continued

9:00am-12:00pm

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

**Aquatic Invasive Species Management Tools and Guidance** ~ *pre-registration required ~Workshop full*

Do you ever feel lost in the sea of ideas surrounding the management of aquatic invasive species (AIS)? Whether you are currently coping with an invasive plant or animal, or are trying diligently to keep your lake free of them, this workshop is designed for you. You need information to get a grip on AIS management. From contingency planning to aquatic plant management planning, to state grant programs, to chemical treatment permits, we'll cover all the basics and more. This workshop will be based on information provided in the guidebook entitled, "Aquatic Invasive Species: a Guide for Proactive and Reactive Management". Workshop participants will receive a copy of this citizen-oriented publication to keep for their own use.

*Presenter: Carolyn Scholl, Vilas County Land and Water Conservation Department*

# Wednesday Evening

6:00-11:00pm

6:00-7:00pm - Ballroom A1

**Wisconsin Association of Lakes Meeting ~ Everyone welcome**

You are invited to a meeting of the Wisconsin Association of Lakes (WAL)! Formed in 1992, WAL represents local lake folks and works with lake groups, citizens, and the legislature to ensure that future Wisconsinites will continue to have the right to boat, fish, swim, and enjoy the natural scenic beauty of our special lakes. WAL, along with the University of Wisconsin-Extension Lakes and the Wisconsin Department of Natural Resources make up the Wisconsin Lakes Partnership and strive to protect and enhance the quality of Wisconsin's 15,000 lakes. Join us at this meeting to learn how WAL has made progress this past year to advance lake protection in Wisconsin.

7:00-8:00pm - Ballroom A2

**Public Opinion About VHS and AIS in Wisconsin**

Based on a statewide poll, this session describes current awareness, attitudes and practices related to AIS and VHS among residents of Wisconsin. Implications of these results for preventing the spread of aquatic invasive species in Wisconsin's lakes will also be discussed.

*Presenter: Bret Shan, UW-Madison, Dept. of Life Sciences Communication*

8:00-11:00pm - Hotel Pre-function Lobby and Rooms 6a & 6b

**Wisconsin Lakes Convention Welcome Reception**

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

# Wednesday Plenary Speakers

1:00-5:30pm

Keynote

## **Biological Invasions as a Form of Global Change: The Freshwater Perspective**

*Dr. Anthony Ricciardi*



We all live in a biological global village that has exotic species invasions increasing in frequency. They are the second-leading threat to biodiversity and can dramatically affect ecosystem processes, economic resources and human health. Come to the Aquatic Invasive Species Symposium at the 2009 Wisconsin Lakes Convention and hear world-renowned invasive species biologist Dr. Anthony Ricciardi. Tony hails from McGill University in Montreal, Canada, where he teaches a course on the ecology of species invasions. His expertise in assessing the causes and consequences of aquatic invaders to freshwater ecosystems is often tapped by media worldwide. Tony will use his background in population biology, community ecology and evolutionary biology to examine the reasons why certain species are highly invasive and why some ecosystems are more vulnerable to invasion than others. Resource managers lack the tools to anticipate and prioritize invasion threats, because there are very few risk assessment methods or models to predict the success and impact of aquatic invasions. Tony will highlight why a predictive understanding of invasions is hindered by the peculiar interactions between an introduced species and its new environment. He will discuss case studies that reveal some intriguing patterns that can help guide our efforts toward methods of risk assessment and management strategies to deal with this global challenge.

## **Aquatic Invasive Species: A Global Threat with Local Impacts**

*Dr. Philip Moy*



Dr. Philip Moy has been a Fisheries and Nonindigenous Species Specialist for the University of Wisconsin Sea Grant Institute since 1999. In that role, Phil works with Great Lakes commercial, sport and charter anglers as well as inland lake groups to address fisheries and aquatic invasive species (AIS) concerns. Join him as he brings our interest back to the Midwest region and the aquatic hitchhikers that have threatened Wisconsin waters for over half a century. Phil will share insights he has gleaned from monitoring the spread of invasive species in Wisconsin waters over the last ten years and from producing a range of outreach and education materials, publications and exhibits. He will turn our attention to the highly mobile recreating public that offers these organisms a means of spreading, sometimes across great distances. Phil's presentation will review the pathways by which AIS have entered the Great Lakes, the impacts of some of these species, and the mechanisms via which these organisms spread to inland waters. Phil will also remind us how we can help with regional efforts to prevent the introduction and spread of AIS.

**“There’s no secret to balance. You just have to ride the waves.”**

- Frank Herbert

# Wednesday Plenary Speakers, continued

1:00-5:30pm

## **Ecosystem Impacts of AIS Spread by Shipping, Boating and Commerce**

*Dr. David Lodge*

As Director of the Center for Aquatic Conservation at the University of Notre Dame, Dr. David Lodge facilitates partnerships, educational opportunities, and outreach efforts with resource managers, policy makers, and the public. An ecologist, David's interest in the natural environment grew from his childhood fascination with the fish, crayfish, insects and other freshwater life of Georgia and Alabama where he grew up. In his current research, he examines the impacts of global environmental changes on drinking water, recreation, fisheries, biodiversity, and other ecosystem goods and services. Much of David's research has a strong focus on ecological forecasting to better inform environmental risk assessment, policy, and management. David will present examples of analyses for prevention efforts targeting live organisms in commerce, ship-vectored species in the Great Lakes, and recreational boater-vectored species in inland lakes. Only with such information can policy-makers have increased confidence in the value of allocating more resources for management responses to aquatic invasive species.



## **Movement of Invasive Aquatic Plants Through Water Gardening**

*Ms. Kristine Maki*

Sales in the water garden industry have grown to approximately \$1 billion per year. Leading this growth trend are online mail-order sales of aquatic plants. Kristine Maki, the Aquatic Invasive Species Coordinator for the Sawyer County Land and Water Conservation Department in Hayward, Wisconsin, will lead us in a discussion that examines the issues of intentional sale of illegal aquatic plants and unintentional shipment of such plants and other organisms. Kristy will share results of research by her and colleagues that points to the sales of mail-order plants for water gardens as possible pathways for the spread of invasive plants. She will provide a context for considering the impact water gardening enthusiasts can have on giving aquatic hitchhikers a ride. Kristy's research findings clearly indicate the need to raise awareness among riparian land owners, water gardeners, resource managers, and policymakers regarding the risks associated with the sale and use of aquatic plants. Given the popularity of water gardening and the accessibility of plants from all over the United States, there is significant potential to introduce a new species that may become problematic.



## **Panel Discussion**

The plenary session will be completed by a question and answer panel discussion with our afternoon speakers. A moderator will lead the discussion with questions from the audience to our panel of speakers for answers. We will wrap up around 5:30 p.m.



# Thursday Plenary Speakers

8:00am-12:00pm

## Welcome



*Mr. Jeff Bode, Master of Ceremonies*

Jeff Bode is Section Chief of Lakes and Wetlands for the Wisconsin Department of Natural Resources. He will kick off the day by reporting to Wisconsin on the status of aquatic invasive species (AIS) on our waters, our partners and our investments. He will then present a strategy and goals for future prevention, containment and control of AIS.

*Strategic management of aquatic invasive species (AIS) requires multiple tools and approaches, including education and awareness, regulation and incentives, monitoring and surveillance, and cost effective containment and control strategies. This morning's plenary session will focus on Wisconsin's AIS Strategy and how these various tools and approaches are being implemented at the statewide, regional, and local level. The session will close with an expanded panel of experts discussing how Wisconsin could use these various concepts, tools and approaches more effectively in the future.*

## Smart Prevention of Aquatic Invasive Species in Wisconsin

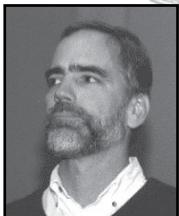
*Dr. Jake Vander Zanden*



Dr. Jake Vander Zanden is an Associate Professor of Zoology and Limnology at the University of Wisconsin-Madison. In addition to teaching courses in Limnology and Ecology of Fishes, he has been involved in a variety of national and international research efforts using science to improve environmental management, ranging from controlling non-point source pollution, to conserving Mongolia's giant trout. Invasive species pose a threat to our ecosystems, both globally and here in Wisconsin. There is an urgent need for research that will improve the effectiveness of on-the-ground aquatic invasive species (AIS) management. Jake will describe the smart prevention framework for managing AIS and explain how it can be used to direct AIS management resources more effectively. Smart prevention takes a regional approach, recognizing the fact that invasions at a given lake are deeply influenced by what happens in surrounding lakes. In addition, smart prevention focuses on the idea of ecosystem vulnerability. Incorporation of this approach into the broader program of AIS education, outreach and management will help managers and citizens make more informed decisions in the struggle against AIS.

## Viral Hemorrhagic Septicemia: A New Aquatic Invasive Species

*Mr. Michael Staggs*



Michael Staggs has been the Director of the Bureau of Fisheries Management for the Wisconsin Department of Natural Resources since 1997. The bureau is responsible for managing and regulating sport and commercial angling, game and non-game fish populations, and aquatic habitat restoration and improvement in Wisconsin. Mike will illustrate how all of these management tools, from Smart Prevention to the lessons learned from aquatic invasive plant management, were brought to bear on a relatively new AIS threat in Wisconsin: viral hemorrhagic septicemia (VHS). Learn more about the impact of AIS on our surface waters and our fisheries, how are we dealing with viruses such as VHS, and what the future holds for our fish populations.

# Thursday Plenary Speakers, continued

8:00am-12:00pm

## Controlling and Managing Aquatic Invasive Species

*Dr. Jennifer Hauxwell*

Dr. Jennifer Hauxwell serves as Chief of the Aquatic Research Program for the Wisconsin Department of Natural Resources, working closely with a great group of people involved with the Wisconsin Lakes Partnership and the Fisheries Management Program. As a scientist for the agency, Jen has worked primarily on aquatic plant ecology, effects of land use, and invasive species management in lakes. Jen will review the state of the nation's and Wisconsin's research on the control and management of AIS. She will explore the short-term successes and long-term difficulties with containment and control of AIS, specifically invasive aquatic plants.



## Panel Discussion

The plenary session will be completed by a question and answer panel discussion with our afternoon speakers. A moderator will lead the discussion with questions from the audience to our panel of speakers for answers. We will wrap up around noon.

**“Study nature, love nature, stay close to nature. It will never fail you.”**

- Frank Lloyd Wright



## Continuing Education Units (CEUs) Offered

To receive a certificate verifying your Continuing Education Units (CEUs) for any of the workshops or concurrent sessions at the convention, you must submit a CEUs form which will either be distributed at your workshop/session or available at the Convention Registration Desk. A certificate verifying CEUs will be forwarded to you within 4-6 weeks.

Upon completion, deposit the form along with a check for \$15, made out to UWSP Continuing Education, at the Convention Registration Desk or mail it to UWSP Continuing Education, c/o Julie Hellweg, 2100 Main Street, 032 Main Bldg., Stevens Point WI 54481.

CEUs are also available through the North American Lake Management Society - please see registration desk for details.



# Other Invited Speakers

## Friday Lunch



*Representative Thomas Nelson*

Representative Thomas Nelson has represented the 5<sup>th</sup> Assembly District since 2005. He was recently selected by his peers to serve as Assembly Majority Leader – the second highest ranking member of the Assembly Democratic Leadership. A graduate of Princeton University, Nelson is one of the youngest legislators in Wisconsin history to serve in this position. He has been recognized with several certificates of appreciation from the Wisconsin Dairy Business Association and the Wisconsin County Constitutional Officers. Thomas was also awarded as a “Friend of Agriculture” by the Wisconsin Farm Bureau.



*Representative Spencer Black*

Representative Spencer Black has represented the 77<sup>th</sup> Assembly District since 1984. A graduate of UW-Madison, Black is the Chair of the Assembly Natural Resources Committee. Recognition of his environmental efforts include being named Legislator of the Year by the Wisconsin Wildlife Federation and Environmentalist of the Year by the Audubon Society as well as receiving the Environmental Excellence Award from the Midwest Renewable Energy Association. Black is the first Wisconsinite to receive The Nature Conservancy’s Public Service Award.

## Invited



*Governor Jim Doyle*

As our state’s 44<sup>th</sup> chief executive, Governor Jim Doyle is focused on creating opportunity for all of Wisconsin’s people. He was elected as Wisconsin’s Governor in 2002 and reelected in 2006. Governor Doyle’s parents were founding members of the modern Democratic Party in Wisconsin, and he credits them for instilling in him the belief that politics and government are honorable professions and that public service is a way to improve people’s lives. Inspired by John F. Kennedy’s call to public service, after college the Governor and First Lady worked for two years as teachers in Tunisia, Africa in the Peace Corps. After he graduated from law school, the Governor and First Lady moved to the Navajo Indian Reservation in Chinle, Arizona to work as an attorney and teacher, respectively. Now Governor Doyle is working to move Wisconsin forward – creating jobs, expanding access to health care, and most importantly, investing in Wisconsin’s future: our children.

## *Digital production* Water Plants



Keeping Wisconsin’s lakes healthy, navigable and fun for all types of recreation is quite a balancing act. We are beginning to see water plants in a new light...for their beauty, and their ability to protect and nourish a lake. These plants are the binding thread in a watery tapestry of life. Join us on an intimate journey to our fresh waters and view the secret lives in the nooks and crannies of this watery world.

Premiered: Wednesday afternoon’s plenary and Thursday evening’s Stewardship Awards Banquet

Check your convention folder for the companion fact sheet, “Water Plants: A Case for Preserving Wisconsin’s Aquatic Plants.”



# Thursday Poster Sessions

12:30-1:50pm

12:00-1:50pm - Exhibit Hall

## AIS Research Findings

### **The Effects of the Invasive Spiny Water Flea in a Northern Wisconsin Lake**

*Samantha Mueller and Jake Vander Zanden, UW-Madison Center for Limnology*

### **Round Goby Invade Inland Streams: A Look at the Current and Projected Distribution of this Species in Wisconsin Waters**

*Matthew S. Kornis and Jake Vander Zanden, UW-Madison Center for Limnology*

### **Practical, Large-scale Rearing Methods for Milfoil Weevils**

*Amy Thorstenson, UW-Stevens Point*

### **A Novel Application of Molecular Genetic Tools for Aquatic Invasive Species Surveillance**

*Andrew R. Mahon, Center for Aquatic Conservation, University of Notre Dame*

### **Five County Aquatic Invasive Species Survey**

*Anna Brady and Sarah Braun, Beaver Creek Reserve Citizen Science Center*

### **Citizen Perceptions and Reactions to Aquatic Invasive Species on the Pike Lake Chain of Lakes, Bayfield County**

*Patrick Goggin, UW-Extension Lakes*

### **Distribution and Impacts of the Chinese Mystery Snail in Wisconsin lakes**

*Chris Solomon, UW-Madison Center for Limnology*

### **Lake Wingra Aquatic Invasive Demonstration Project**

*David Liebl and Ken Wiesner, UW-Extension*

## Management Control Strategies

### **Controlling Wisconsin's First Hydrilla Infestation, Marinette County, Wisconsin**

*Marinette County Land and Water Conservation Department*

### **2,4-D Residual Monitoring Project - Lower Eagle River Chain of Lakes, Vilas Co**

*Brian Bailey, UW-Stevens Point and Unified Lower Eagle River Chain of Lakes Commission*

### **Neighborhood Watch - Volunteer EWM Monitoring**

*Mary Jo Fleming Lake Wisconsin Improvement and Protection Association*

### **Assessment of Whole-Lake Herbicide Treatment as a Management Strategy for Controlling Curly-leaf Pondweed (*Potamogeton crispus*) in Minnesota Lakes**

*James Johnson and Raymond Newman U. of Minnesota*

### **Creating a Biological Control Program for Purple Loosestrife**

*Brock Woods, Wisconsin Purple Loosestrife Biocontrol Program Manager*

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## Case Studies

### **The Legend Lake Eurasian water-milfoil Adaptive Management Program: Lessons Learned From the Largest Milfoil treatment in the State of Wisconsin**

*Chad Cason Wisconsin Lake and Pond Resource, LLC and Peter Harris, Aecom*

### **Trends in Boater Behaviors from 2004-2008 Watercraft Inspection Data**

*Erin Henegar, UW-Extension Lakes*

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

# Thursday Poster Sessions, continued

12:00-1:50pm

## 12:00-1:50pm - Exhibit Hall

### Management Control Strategies, cont. **Biomanipulation and Paleolimnology as Management and Assessment Techniques for Shallow Lakes**

*Dwight Osmon, Hey and Associates Inc. and Jeremy  
Williamson, Polk County Land and Water Resources Dept.*

### **The Hydraulic Conveyor System: Assisting Hand Removal of Eurasian Water-milfoil on Tomahawk Lake, Oneida County**

*Radley Watkins, Northern Environmental and  
Ned Greehy, TLPOA, Inc*

### **Fighting EWM on Legend Lake, Menominee**

*Wayne Towne & Commissioners, Legend Lake P&R District*

### **Volunteer Monitors Patrol River Corridors for Invasive Species**

*Laura MacFarland, River Alliance of Wisconsin*

### County/Local Strategies

#### **Vilas County AIS Partnership - Town Lakes Committees**

*Ted Ritter, Vilas County Land and Water Conservation*

### Other

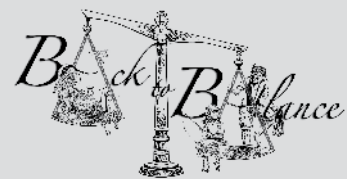
#### **Tanker Trucks - An AIS Vector**

*Jennifer Holman, Oneida County*

**“We forget that the water cycle and the  
life cycle are one.”**

- Jacques Cousteau

*The 50-minute sessions on Thursday afternoon are arranged  
by the following topics, which we call “streams.” Follow a  
stream throughout the afternoon, or “balance” your knowledge  
by moving from one to the next!*



## Streams

### **Understanding Impacts of Invasives**

Moderator: Tim Asplund, Wisconsin Department of Natural Resources

### **Management & Control of AIS - Research**

Moderator: Ted Johnson, Wisconsin Department of Natural Resources

### **Success Stories**

Moderator: Carolyn Scholl, Vilas County Land and Water Conservation

### **County/Regional AIS Strategies**

Moderator: Erin Henegar, UW-Extension Lakes

### **Invasives at the Water's Edge & in the Great Lakes**

Moderator: Paul Schumacher, Wisconsin Association of Lakes

# Thursday Concurrent Sessions

2:00-2:50pm

## 2:00-2:50pm - Ballroom A1

### **Sociological and Economic Impacts of AIS**

What Determines Lake Residents Awareness & Knowledge of Aquatic Invasive Species? Can environmental stressors represent threats to your economic well being or quality of life? This presentation summarizes findings based on data collected around the Pike Lake Chain of Lakes in Bayfield County, Wisconsin, where both full- and part-time residents were surveyed in order to collect a wide variety of information. We will look at how economic research tools may be used to assess lake residents awareness and knowledge of AIS as well as their likely behavioral changes.

*Presenter: Mark Eiswerth, UW-Whitewater*

What are the effects of Aquatic Invasive Species on Property Values? This presentation will explain a study using hedonic analysis to estimate the effects of a common aquatic invasive species Eurasian Water-milfoil (milfoil) on property values across an extensive system of over 170 lakes in the northern forest region of Wisconsin. Results obtained by examining property values on lakes before-and-after invasions indicate that lakes invaded with milfoil experienced an average 13% decrease in land values after invasion. Implications for invasive species policy will be discussed.

*Presenter: David Lewis, UW Madison Department of Ag & Applied Economics*

## 2:00-2:50pm - Ballroom A2

### **Long-term Trends in Eurasian Water-milfoil Management**

In this session we will look at aquatic plant community responses with various management tools to address invasives, the importance of aquatic plant monitoring and using good data to make management decisions. Wisconsin's long-term Eurasian water milfoil research project and results from case studies to evaluate the effectiveness of early-season chemical treatments to control EWM will also be discussed.

*Presenters: Dr. Jennifer Hauxwell, Alison Mikulyuk, and Michelle Nault, Wisconsin WDNR Science Services Bureau*

## 2:00-2:50pm - Ballroom A3

### **Innovation in Carp Management at Big Green Lake**

For many years, carp have been a major problematic invasive specie to many lakes including Big Green Lake. Due to the logistics of our lake's main tributary (Silver Creek), it became apparent that any type of carp barrier structure would need to accommodate some regular boat traffic. Consequently, over the past few years the Green Lake Sanitary District (GLSD) in conjunction with an innovative business concern has developed an air carp barrier that does the job of disrupting carp passage; while also allowing safe, reliable and easy passage for boats going across it. Charlie Marks will provide a video of the innovative air carp barrier along with information on its development and its effectiveness.

*Presenter: Charlie Marks, Green Lake Sanitary District*

## 2:00-2:50pm - Ballroom A4

### **AIS Coordinators: Valuable Parts of AIS Strategies**

These two Aquatic Invasive Species Coordinators will give their direction and perspectives on approaches to invasive species programming in your county. They will discuss the grant process, working with county & local leadership and problem solving techniques.

*Presenters: Audrey Greene, Walworth County Land Use and Resource Management and Tom Ward, Manitowoc County*

# Thursday Concurrent Sessions, continued

2:00-2:50pm

## 2:00-2:50pm - Champion's Club

### **Managing Invasive Species in Wisconsin's Door Peninsula**

Wisconsin's Door Peninsula harbors some of the highest levels of biodiversity in the Great Lakes region. With hundreds of miles of Great Lakes shoreline, inland lakes, and many thousands of acres of wetlands, numerous kinds of invasive species pose a serious threat to the health and sustainability of Door County's wet ecosystems. This presentation will give an overview of community efforts to control the spread of invasive species in Door County, including: genesis of Door County Invasive Species Team (DCIST), the many partnerships forged to address this problem, and the current status of control efforts.

*Presenter: Bob Bultman, Door County Invasive Species Team Coordinator*

3:00-3:50pm

## 3:00-3:50pm - Ballroom A1

### **IMPACTS OF INVASIVE ANIMALS ON LAKE FOOD WEBS**

#### **Invasive rainbow smelt in Sparkling Lake: management experiments for addressing effects on food webs and fishes**

Approximately 20 lakes in Wisconsin have been invaded by rainbow smelt, and hundreds more are vulnerable to invasion. In invaded lakes, rainbow smelt often negatively impact native fishes including yellow perch, cisco, and walleye. These impacts may cascade throughout the food web to alter other parts of the lake ecosystem. In this talk (which is aimed at lake users, managers, and scientists) we review scientific research concerning what kinds of lakes are vulnerable to rainbow smelt invasion and what impacts smelt may have when they do invade. We also discuss lessons learned from recent efforts to manage rainbow smelt in Sparkling, Fence, and Crawling Stone Lakes (Vilas County).

*Presenter: Chris Solomon, UW-Madison Center for Limnology*

#### **Removal of Rusty Crayfish from Sparkling Lake: Effects on the Lake Ecosystem and Future Prospects**

Rusty crayfish were introduced to northern Wisconsin in the late 1950s, and have since spread throughout Wisconsin. Rusty crayfish negatively affect native crayfish species, aquatic macrophytes, benthic invertebrates, and sport fish populations. They can also reach extremely high densities, becoming a nuisance for property owners. Therefore, interest exists in developing methods for controlling or removing rusty crayfish from lakes where they have established. In this talk we describe an intensive rusty crayfish removal program in Sparkling Lake, Vilas County, Wisconsin. Crayfish were removed by trapping throughout the summers from 2001-2008, and sport fish regulations were also changed to increase predation on crayfish by smallmouth bass. The density of rusty crayfish has decreased to the lowest levels observed in Sparkling Lake since rusty crayfish invaded, and native crayfish populations have recovered somewhat, although not to historical levels. Macrophyte cover has increased throughout the lake, as has the density of bluegill and pumpkinseed sunfish. We will discuss ongoing work aimed at understanding the long-term impacts of this removal program, and to determine if any management actions now could prevent rusty crayfish populations from rebounding once the trapping stops. We will also discuss the potential application of this work to other Wisconsin lakes

*Presenter: Gretchen Hansen, UW-Madison Center for Limnology*

### 3:00-3:50pm - Ballroom A2

#### **Evaluation of Chemical Control Methods to Manage Aquatic Invasive Plants**

This session will provide an overview of recent projects conducted by the U.S. Army Corps of Engineers in partnership with the WI WDNR and others to evaluate the effectiveness of adjusting timing, dosage, and formulations of aquatic herbicides to offer more selective control of invasive plants like Eurasian water milfoil and curly leaf pondweed, while lessening unintended damage to desirable native aquatic plants. Results from a number of chemical control projects in Wisconsin will be reviewed. We'll also talk about how to choose the best management approach— whether you're dealing with a pioneering invasion or a lake with long established invasives.

*Presenters: Mike Netherland, US Army Corps of Engineers Center for Aquatic and Invasive Plants, and John Skogerboe, US Army Corps of Engineers Eau Galle Aquatic Ecology Laboratory*

### 3:00-3:50pm - Ballroom A3

#### **Getting Kids on Board with AIS: A Program for Young Children**

This session will take participants through what is a fast-paced, hands-on, integrative program. The program features: reading a story; listing the children's favorite activities in lakes or rivers and what they know about keeping that water safe; identifying boat checkpoints on a real boat with post-it-notes; making a visor; learning a song; making a page in a book that will become a part of the library's permanent collection; and receiving a gift bag to take home. This gift bag has stickers in it that they are to give away to any adult they know who owns a boat or fishes. Participants will receive samples of materials, lesson plans for implementing the program in their area, suggestions for initiating the program, and time for questions and answers.

*Presenter: Judy Ruch, Town of Presque Isle*

### 3:00-3:50pm - Ballroom A4

#### **Establishing a Communication Strategy**

Vilas County Town Lakes Committees Education Outreach Initiative - Many AIS public awareness methods have been implemented with the aid of AIS grant funding throughout lake rich Vilas County by recently formed Town Lakes Committees. This presentation will explain the concept of Town Lakes Committees and will highlight the innovative methods that have been employed to raise public awareness of AIS to a very high level for anyone living in or visiting Vilas County.

*Presenter: Ted Ritter, Vilas County Land & Water Conservation*

Calumet County's AIS Communication Strategy - Calumet County is situated on the eastern shore of Lake Winnebago, with Lake Michigan a mere 25 miles to the east. The County has few inland lakes or Lakes Associations, but has a huge population of residents who recreate on Lakes Winnebago and Lake Michigan. Many of these same residents trailer boats "up north". This presentation will outline some methods used to increase AIS education and public awareness throughout Calumet County and the surrounding region.

*Presenter: Diane Schauer, Calumet County Planning, Zoning & Land Information Office*

### 3:00-3:50pm - Champion's Club

#### **Meeting the Challenges of Invasive Species in Wetlands**

Wetlands are akin to kidneys for our land, providing us with valuable ecosystem services such as water storage to prevent flooding, buffers to anchor uplands, and filtration to protect ground and surface water quality. They are also vital homes to a rich array of plants and wildlife. Our wetlands are not only threatened by draining and filling for development, but also by invasive species. Invasive species can quickly crowd out valuable plants, changing high quality wetlands into monocultures with little habitat value. This session will discuss the challenges of managing invasive species in wetlands, new invasives on the horizon to be on the watch for, what we're learning about ecological restoration of these vital systems— with practical examples, and a successful example of biological control with purple loosestrife.

*Presenter: Brock Woods, Wisconsin WDNR/UW-Extension Purple Loosestrife Biocontrol Program Manager*

# Thursday Concurrent Sessions, continued

4:30-5:20pm

## 4:30-5:20pm - Ballroom A1

### **Implementing Smart Prevention, Containment, and Control at Statewide and Local Levels**

Effective management of Aquatic Invasive Species requires a close partnership between science and management. Management should be informed by the latest science and operational experience should help drive the research agendas. Here we will explore the management implications of the latest research. Are research results being applied, and at what scales? If not, what are the science or management impediments to operationalizing the latest research? In this special concurrent session, we will work through the invasion pathway with our plenary speakers and State AIS experts to identify appropriate intervention strategies or outstanding knowledge gaps that presently prevent effective management. Our panel will be asked to address a set of pre-selected questions about implementing "smart" management of AIS at both state and local scales, such as:

- What is the appropriate mix between preventing spread from infested lakes, versus protecting un-invaded waters?
- For what species and when should eradication be attempted, or should we focus on containment and control to slow the spread?
- Which boater activities pose the greatest threat and how could they reduce these risks?

We will also open the discussion to the floor to enable audience participation, so your questions can also be answered. Come join in this lively discussion and help define future research and management directions.

*Presenters: Lindsay Chadderton, The Nature Conservancy and Tim Asplund, WDNR with David Lodge, Jake Vander Zanden and Jennifer Hauxwell*

## 4:30-5:20pm - Ballroom A2

### **Water Level Flux to Control AIS and Restore Impoundments**

Water level fluctuation to control Eurasian Water Milfoil has been employed throughout the United States and Europe. Presently, it is being evaluated as a tool for EWM management and holistic lake restoration in Wisconsin. Several water level manipulations have been conducted, or are in the process, throughout Wisconsin and the results are promising. Tools such as water level fluctuation have large-scale effects and it is necessary to plan ahead to avoid unintended circumstances. Moreover, socio-economic issues are equally important and must be given due process. We will explore case studies and the impacts to the aquatic plant community, along with the social issues that arise.

*Presenter: Scott Provost, Wisconsin WDNR*

## 4:30-5:20pm - Ballroom A3

### **Case Study: Unified Eagle River Chain Lakes Commission - Challenges in Eurasian Water Milfoil Management**

In 2004, many residents along the shorelines of the Lower Eagle River Chain of Lakes, part of the largest freshwater lake chain in the world, had become increasingly aware that the Eurasian Water Milfoil (EWM) within the lakes needed serious attention. Individual lake associations within the chain conducted chemical treatment programs as finances allowed. It was recognized that these individual EWM control efforts were advantageous, but only in the short-term. In order for future chemical treatments to be truly effective, it was thought necessary to view the chain as one continuous and whole water body and not as a series of individual lakes to be managed separately. In this session, learn how members of the Unified Lower Eagle River Chain of Lakes Commission faced those challenges, and today enjoy a successful EWM management program that is equitable to all - setting future standards to work cooperatively at the community level.

*Presenters: Steve Favorite, Commission Chairman, Matt Wagner, Vilas Co. Land & Water Conservation Department*

4:30-5:20pm - Ballroom A4

**COOPERATIVE AIS EFFORTS**

**Great Lakes Indian Fish and Wildlife Commission (GLIFWC) Cooperative AIS Efforts**

This presentation will highlight three areas of GLIFWC's AIS program that enhance cooperative efforts to prevent and control AIS in northern Wisconsin.

*Presenter: Miles Falck, Great Lakes Indian Fish and Wildlife Commission*

**Engaging River Enthusiasts in the Fight Against Invasive Species**

Rivers are conduits for invasive species. In addition, they themselves are being impacted. The River Alliance of Wisconsin is striving to empower river enthusiasts to assist in this fight. The Alliance is working to assess the potential threats posed by invasive species to the flowing waters of Wisconsin and assist river groups to improve their knowledge and expand their capacity to meet the challenges of riverine invasive species, including education, prevention, monitoring and control.

*Presenter: Laura MacFarland, River Alliance of Wisconsin*

4:30-5:20pm - Champion's Club

**Ecosystem Level Effects of Invasive Dreissenid Mussels**

Quagga and zebra mussels are invasive mussels that threaten our waters. These species are closely related and have similar characteristics. They are collectively referred to as Dreissenid mussels. Dreissenid mussels are small, freshwater, bivalve mollusks with elongated shells, usually marked by alternating light and dark bands—though shell patterns often vary. The invasion of North American and European fresh waters by Dreissenid mussels has resulted in profound changes to the aquatic life and biogeochemistry of these ecosystems. Biogeochemistry is the study of the processes and reactions that govern the composition of the natural environment; and includes the interplay of chemical, physical, geological, and biological elements. This presentation will summarize a comprehensive review of literature and long-term monitoring data about the effects of Dreissenid mussel invasions on lake and river ecosystems.

*Presenter: Scott Higgins, UW-Madison Center for Limnology*

# Thursday Evening

7:00-9:00pm

7:00-9:00pm - Meeting Room B

**Wisconsin Lakes Stewardship Banquet and Awards Ceremony**

Please join us in celebrating the 2009 Wisconsin Lake Stewardship Award winners and new nominees at our banquet and awards ceremony. The Wisconsin Lakes Partnership presents the annual Lake Stewardship Awards to recognize the extraordinary volunteer and professional efforts to protect and improve our lakes. People are nominated for Stewardship Awards by their peers - what a meaningful way to say, "Thank you!" to the people in your community who work so hard to care for our lakes. Winners of these awards join a select group of women, men, students, and organizations whose unmatched dedication, vision, and commitment ensure that Wisconsin's legacy of lakes will be safe and secure for generations to come. The Stewardship Awards represent our best collective effort to honor and celebrate all the incredible work that goes into securing a bright future for Wisconsin's lakes. Don't miss this opportunity to pay tribute to all those who are doing extraordinary things for Wisconsin's lakes.

9:00-11:00pm

*Evening Entertainment*

Groove to the sounds of Irene's Garden  
Free Beer, Wine, Soda & Snacks ~ Cash Bar



*see page 29*

# Friday All-day Workshops

9:00am-4:30pm

9:00am-4:30pm - Ballroom A1

## **Lake District Commissioner Training**

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

*Presenters: Judy Jooss, a county supervisor and past Wisconsin Association of Lakes board member, and Jeff Thornton, principal environmental planner with the Southeast Wisconsin Regional Planning Commission*

9:00am-4:30pm - Ballroom A2

## **Running An Effective Lake Organization**

Could you use some tips about how to make your lake organization more effective, sustainable, and fun? Do you want to learn about the best practices that many effective organizations use? This workshop will answer questions about running effective meetings, working with local governments, tax and non-profit issues, and insurance. We'll take an in-depth look at annual work planning and priority setting for lake groups, engaging your members, and show you how to build your own free web site! So, if you have questions about Robert's Rules of Order, 501(c) (3), liability insurance for your organization or Board, or how to keep your organization fresh and vibrant – this workshop is for you! Participants will receive a copy of “People of the Lakes: A Guide for Wisconsin Lake Organizations” and have a chance to examine and discuss its contents with the presenters.

*Presenters: Dan Hill, UW-Extension/UW-Madison; Dayo Adesuyi, Internal Revenue Service (IRS); Rob Kroblow, Horton Group; and a Panel discussion including Paul Schumacher, Clark Lake Association and WAL Board of Directors, Karen von Huene, Executive Director - Wisconsin Association of Lakes, and Ken Wiesner, High-Fishtrap-Rush Lakes Association and WAL member*

**Visit the WAL booth  
to purchase these  
helpful publications!**





# Friday Morning Workshops

9:00am-12:00pm

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

## **Clean Boats, Clean Waters (CBCW) Training** ~ pre-registration required ~Workshop full

Volunteers have been an integral part of protecting Wisconsin lakes for over two decades. With so many water bodies and so few state resources, we rely heavily on volunteer efforts to educate boaters about aquatic invasive species (AIS) and how to prevent their spread. Come join us for the Clean Boats, Clean Waters Workshop and become one of the 1,100 volunteers who have been trained to conduct watercraft inspections! We will discuss the latest AIS, what can be done to prevent their spread, and how you can get your community involved. Sharpen your inspection skills by role playing how to talk with people at the boat landing and discover the subtle differences between native and non-native invasive aquatic plants through hands-on plant identification. The watercraft inspection handbook, containing AIS distribution information, contacts, and more, and a kit of resources to aid inspection efforts will be available on-site for a \$25 fee.

*Presenters: Erin Henegar, UW-Extension Lakes, Brenda Nordin and Sandy Wickman, WDNR*

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

## **Regional Approaches to Smart Prevention**

If you were intrigued by Dr. Jake Vander Zanden's plenary presentation on smart prevention, join us for this workshop to learn how to apply the techniques in your region! One can imagine that assessments of lake vulnerability are a potentially useful tool for those engaged in prevention efforts. This information could help guide prevention activities in vulnerable locations and needs to get into the hands of the citizens and resource managers working on our lakes. In this workshop, we will create a template for an AIS management strategy document based on the concepts of vulnerability and prevention. We will also discuss the merits of adopting a more regional approach to prevention and assess the barriers to implementing such an approach.

*Presenter: Jeff Maxted, UW-Madison Center for Limnology*

9:00am-12:00pm - Champion's Club ~ pre-registration required ~Workshop full

## **Working with Media: Getting Them on your Side and Putting your Best Foot Forward**

Get the tips, training and take-home materials you need to get your story on air, on-line or in print. Learn how to cultivate relationships with the media and ask our local media panelists why they do what they do. We will discuss what kind of stories reporters are looking for, how and when to pitch them, what photos, audio files and other eye and ear candy you can offer, and the steps you can take to ensure the media's story is accurate. The session concludes with a dynamic presentation on TV interviews and on-camera practice so you leave with the confidence and tips to look good on TV and sound great!

*Presenter: Mary Farmiloe and Tom Turner, WDNR*

## *Music Moves Us*



Research indicates that music can affect how people respond to messages, influencing memory and recall, emotion, information processing attitudes, and behavior. UW-Extension State Environmental Communication Specialist, Bret Shaw, is working with a group of singer/songwriters to explore whether the power of music can help spread the word about aquatic invasive species and prevent their spread in Wisconsin. Be sure to listen to these pieces being debuted prior to the Wednesday afternoon and Thursday morning plenary sessions! Listen for these selections:

*Clean Boats, Clean Waters* ~ Writer and Performer: James T. Spartz  
*The Ballad of Aquatic Invasive Species* ~ Writer and Performer: Scott Gatzke

# Friday Morning Workshops, continued

9:00am-12:00pm

## 9:00am-12:00pm - Meeting Room 7

### **An Integrative Approach in the Management of Phragmites**

Wetlands, lake shorelines and riparian zones are important ecological habitats. This hands-on workshop will investigate the status of the invasion phragmites and will present the current techniques and strategies employed to manage the long-term impacts to these critical habitats. This workshop will allow participants to practice hands-on techniques in managing the common shoreline invasive plants (weather conditions permitting). The focus of the workshop will be on presenting current management techniques of phragmites and the long-term management of ecological systems, which may have multiple invasive plant species present. We will discuss how to incorporate best management strategies to your site to minimize the spread of invasives, the importance of developing an integrated site management plan, and developing a schedule for regular site monitoring.

*Presenter: Ingrid West, UW-Extension Environmental Resources Center at UW-Madison*

## 9:00-10:00am - Auditorium/Meeting Room 8

### **Succession Planning of Family Land**

There are several legal tools a landowner can use to protect conservation values on his or her property. Attorney Bill O'Connor will review material and ideas relating to families working through land succession planning. Come learn about land protection fundamentals and the difference between easements, bequeaths, donations, and bargain sales. See how you can leave a land legacy for future generations to cherish!

*Presenter: Bill O'Connor, Wheeler, Van Sickle & Anderson, S.C*

## 10:30am-12:00pm - Auditorium/Meeting Room 8

### **Legal Updates**

Legal counsel for the Wisconsin Association of Lakes Bill O'Connor will discuss recent court cases of interest to lake people. This session will also include discussions on pending legislation affecting lakes and lake organizations and a question/answer session for attendees to quiz the veteran water lawyer.

*Presenter: Bill O'Connor, Wheeler, Van Sickle & Anderson, S.C*

## 10:30am-12:00pm - Meeting Room 6 (a&b)

### **Bloom and Gloom: The Scoop on Blue-Green Algae and Human Health**

In many Wisconsin lakes, blue-green algal blooms are a chronic nuisance that can make recreational lake users think twice about their swimming, boating or skiing plans. With freshwater algal blooms on the increase, being aware of the various health concerns around blue-green algae can help you more confidently address this issue in the lakes you care most about. This session will feature a summary of the human and animal health issues around blue-green algal blooms, and will describe how you can help state health and natural resources staff keep on top of what's happening in Wisconsin on this important and growing lakes management issue.

*Presenter: Mark Werner, WDNR*

**“If there is magic on the planet, it is contained in the water.”**

- Loren Eisleay

# Friday Afternoon Workshops

1:30-4:30pm

1:30-4:30pm - Ballroom A3

## **Aquatic Invasive Species Monitoring Through the Citizen Lake Monitoring Network**

*~ pre-registration required ~Limit 27*

Join us for this aquatic invasive species monitoring workshop, where you will learn how to identify aquatic invasive species, receive ideas on how to organize an effective monitoring team, learn where and when to look for the invasives, and find out what to do if you suspect that you have found an invasive plant or animal. You will take home the following: a manual covering the aspects you learned at the workshop, user-friendly identification keys (such as watch and wild cards, pamphlets, laminates, etc.), a hand lens for looking at the “smaller” identification characteristics, display samples, collection bags, and, most importantly, the confidence to go out and begin monitoring yourself! Your take-home items and new found confidence will help you to share your knowledge with all your fellow lake lovers.

*Presenters: Laura Herman, UW-Extension Lakes, Jay Schiefelbein and Brenda Nordin, WDNR*

1:30-4:30pm - Ballroom A4

## **County Roundtable Discussion**

Calling all county staff and county-wide lake associations! After three info-filled days, take this opportunity to chew things over with your county-based colleagues from around the state. This roundtable workshop will give you a chance to network with your peers in an informal setting and bring forward topics that you would like to discuss. The roundtable will focus primarily on aquatic invasive species issues, but all topics are welcome.

*Presenters: Julia Solomon, UW-Extension and WDNR and Earl Cook, Wisconsin Association of Lakes*

1:30-4:30pm - Champion's Club

## **Educating for Stewardship: Inspiring and Engaging Youth**

Educating the next generation of lake leaders, conservationists, environmentalists, and resource preservationists is an important responsibility of THIS generation! Teaching, mentoring and inspiring the young people who will assume the stewardship of our lakes and their surrounding natural habitats is a worthy and extremely important goal for all of us.

This workshop will highlight a variety of hands-on, project-based learning experiences that have actively engaged students/youth in learning about lakes, shorelands, and watersheds and solving lake problems that are facing us. We'll explore many ways to involve youth in protecting and managing the lakes in your community, providing specific examples of collaborative efforts that have involved K-12 teachers, lake organizations, WDNR specialists, college or university teachers and researchers, county land and water conservation departments, and others. Curriculum and resource materials, funding ideas, and ways to meet state DPI academic standards will be included. A great opportunity to network with others who enjoy working with young people!

Q & A ~ Facilitated Discussion...learn more about ideas for funding your work with youth, share further ideas among presenters & participants, explore resources and possible collaborations, and expand upon project ideas.

*Presenters: Heather Weigelt, Heckrodt Wetland Reserve; Mary Jo Fleming, Lake Wissota Improvement & Protection Association; Jeremy Williamson and Amy Kelsey, Polk County Land & Water Resources Department; Patty & Dave Zerger, Longfellow Elementary School; Facilitator: Carol LeBreck, WAL and Bayfield Co. Lake Forum Boards*

See page 15 for information on how to receive Continuing Education Units (CEUs).

# Friday Afternoon Workshops, continued

1:30-4:30pm

## 1:30-4:30pm - Meeting Room 7

### **Groundwater Ordinance Development**

Many high capacity wells have been installed in areas that draw upon aquifers which also provide groundwater to lakes and streams and many more are envisioned in those areas. A disruption of the flow of groundwater may alter the water budget of a body of water, changing the chemistry and temperature of the water. Such changes have the potential to disrupt an ecosystem and pave the way for invasive species. This workshop will examine the status of state regulations governing approval of high capacity wells, the significance of the public trust doctrine, and the potential harm done by permitting high capacity wells without proper regard for their impact on waterways and aquatic species.

*Presenter: Daniel Bach, Lawton & Cates, S.C.*

## 1:30-4:30pm - Auditorium/Meeting Room 8

### **Aquatic Invasive Species Cuisine: Eating Your Way Toward Healthier Lakes**

*~ pre-registration required ~ Limit 30*

Eat your way to healthier lakes...by helping control aquatic invasive species with your stomach! Several of our common aquatic hitchhikers provide us with tasty opportunities for making culinary delights. These include rusty crayfish, common carp, rainbow smelt, watercress, the terrestrial nemesis garlic mustard, and others. This workshop will take attendees through assorted recipes, and together we will sample the tasty results, like crispy carp cakes with lemon dill beurre blanc and smoked smelt-filled filo cups with capers and spicy mayonnaise. Wash your hands before you arrive, as the chef may put you to work!

*Presenter: Patrick Goggin, UW-Extension Lakes*

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



Light Blue ... Volunteer

Kelly Green ... WDNR Aquatic Plants

Blue ... WDNR Lakes Coordinator

Purple ... Convention Staff

Black ... WAL Board Members

Forest Green ... Exhibitor

Red ... Speaker

Teal ... Lake Leader

Lime Green ... Newcomer

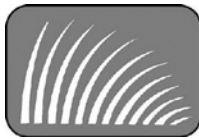
Hot Pink ... Press

Maroon ... Lake Stewardship Award Nominees and Winners

*Look for the  
Ribbon*

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For lake information any time of the year, see:



**UWEX-Lakes:** [www.uwsp.edu/cnr/uwexlakes](http://www.uwsp.edu/cnr/uwexlakes)



**WAL:** [www.wisconsinlakes.org](http://www.wisconsinlakes.org)



**WDNR:** [www.dnr.state.wi.us](http://www.dnr.state.wi.us)

## Thursday Evening Entertainment

### **IRENE'S GARDEN**

Vocals, guitar, percussion: Sarah Ludeman  
Vocals, mandolin, keys: Jenny Ludeman  
Guitar: Jeff LaMarche  
Keyboards: Walter Wright  
Bass: Jenilee Klish  
Drums: Rick Martin



Debuting over 20 years ago as the Stellectrics, Irene's Garden has been central Wisconsin's premier dance band playing festivals, universities and roadhouses all across the Midwest. The band has produced six CD's, three as the Stellectrics and three as Irene's Garden, but only those who have seen them live have truly experienced what these musicians have to offer. It is rare for any audience member to stay seated after one or two songs. The dance floor fills fast so wear your dance shoes!



# Notes

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# Notes

*2009*  
Wisconsin  
Lakes Convention  
Planning Team

*Thank You!*

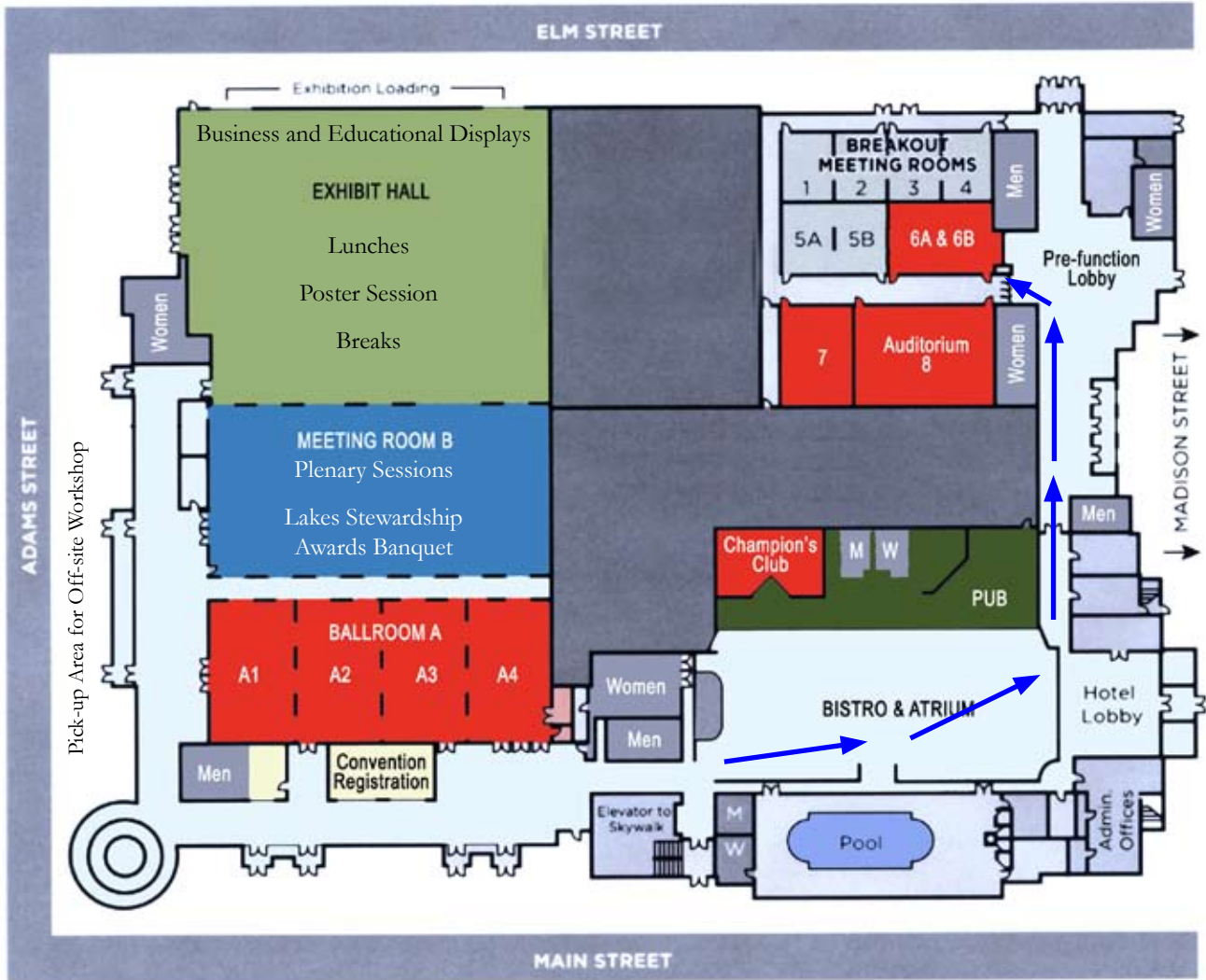
Tim Asplund  
Kim Becken  
Jeff Bode  
Katie Boseo  
Earl Cook  
Patrick Goggin  
Tanya Graham  
Erin Henegar  
Tami Jackson  
Laura Herman

Robert Korth  
Amy Kowalski  
Maud LaMarche  
Carol LeBreck  
Phil Moy  
Carroll Schaal  
Cari Schmitz  
Carolyn Scholl  
Julia Solomon  
Megan Stranz

Susan Tesarik  
Jeff Thornton  
Jim Vennie  
Karen von Huene  
Ken Wiesner



# Hotel Sierra and KI Convention Center



→ follow blue arrow to Rooms 7, 8, and 6A-6B

