

WEDNESDAY, February 21, 9:00 am - 9:30 pm

9:00 - 10:10		Plenary Session (Location TBD)		Sponsored by We Energies	
9:00		Welcome & Opening comments			
9:20		Conference Keynote: Resiliency for Wetlands and Communities: Notes from the Field <i>Gillian Davies, Senior Ecological Scientist, BSC Group, Inc. and Past President, Society for Wetland Scientists</i>			
10:10 - 10:40		Break (Location TBD)		Sponsored by Midwest Groundcovers	
10:40 - 12:00		Concurrent Sessions			
	Location: TBD	SYMPOSIUM: Preparing Wisconsin's wetlands for a changing world <i>Moderator: TBA</i>	Location: TBD	Wetland Wildlife <i>Moderator: Bill Mueller</i>	Location: TBD Long-term Restoration & Management <i>Moderator: Jacob Straub</i>
10:40	Vimont	Climate change and adaptation in Wisconsin	Casper	Recovering impaired fish and wildlife in the Milwaukee Estuary Area of Concern	Schultz Influence of hydrologic restoration techniques on plant communities in the Glacial Habitat Restoration Area
11:00	Montgomery	Changing climate, changing hydrology	Badje	Status of Blanchard's cricket frog (<i>Acris blanchardi</i>) in Wisconsin	Staskowski Restoration of boreal forest wetlands in Superior, Wisconsin: 10-years post construction monitoring
11:20	Murdoch	Scratching below the surface: The uncertain future of groundwater recharge in a changing climate	Prestby	Colonization of a restored island chain by piping plover and other rare species in Lower Green Bay, Wisconsin	Lennie Contaminated urban wetlands and streams: Five years of channel/wetland restoration: The Cobalt Project
11:40	Thompson	Lessons from the field: Changes in water resources	Salas	Pollinator opportunities within rights of way: Using geospatial and decision modeling to target conservation	Richardson * 25 years of change: Nitrogen and phosphorus removal in a freshwater coastal wetland in the past and present
12:00 - 1:30		Lunch (provided - Location TBD)		Sponsored by GEI Consultants, Inc.	
1:00 - 1:50		Legislative/Policy Update (Location TBD)			
1:30 - 2:50		Concurrent Sessions			
	Location: TBD	SYMPOSIUM: Preparing Wisconsin's wetlands for a changing world <i>Moderator: TBA</i>	Location: TBD	Watershed Approaches <i>Moderator: Kyle Magyera</i>	Location: TBD Wetlands & People <i>Moderator: Travis Olson</i>
1:30	O'Connor	Moving from general to site-level vulnerability of Wisconsin's wetland plant communities	Magyera	Understanding wetlands as solutions to flood risks	Hernandez * Impacts of stormwater runoff and road salt intrusion on the soil quality of an urban wetland in Chicago
1:50	Panci	A vulnerability assessment of wetland plants: Combining scientific and traditional ecological knowledge	Crane	Lake County's Wetland Restoration and Preservation Plan, Part 1: Approach	Robson Community and conservation: Studying urban biodiversity in Milwaukee County, Wisconsin
2:10	David	If this is another 100-year storm, I must be 400 years old: The likely impacts of climate change on wild rice	Prusila	Lake County's Wetland Restoration and Preservation Plan, Part 2: GIS & decision-support tool	Goggin Wisconsin's Healthy Lakes Initiative: Working with lakefront property owners to apply BMP's
2:30	Johnson	Through drought and high water: Vegetation dynamics in Lake Superior coastal and inland wetlands	Miller	Wetlands by Design: Finding conservation opportunities for ecosystem services and watershed resilience	Thompson Using poetry to express our human connection to wetlands
2:50 - 3:20		Break (TBD)		Sponsored by Merjent	
3:20 - 5:00		Concurrent Sessions			
	Location: TBD	SYMPOSIUM: Preparing Wisconsin's wetlands for a changing world <i>Moderator: TBA</i>	Location: TBD	Wetland Flora & Plant Communities <i>Moderator: Ron Londr é</i>	Special Sessions Location: TBD Location: TBD
3:20	Desai	The short and long of wetland carbon emissions, uptake, and lateral transfer	Marti	Floristic quality assessment benchmarks for wetlands of Wisconsin's north central hardwood forests ecoregion	Career Development & Continuing Education in Wetland Science Moderated by Susan Schumacher
3:40	Miller	Wetland restoration as a tool to maintain watershed health and ecosystem services under a changing climate	Kinzelman	Samuel Myers Park: Incorporating coastal resilience into an urban wetland restoration	
4:00	Granberg	Wisconsin's changing climate and wetland invasive species	Kraszewski	Restoring native upland buffers: An integral component of wetland resiliency	Tribal Wetland Programs Working Group Moderated by Randy Poelma (by invitation only) Sponsored by Forest County Potawatomi Foundation
4:20	Geddes	Potential for an invasive hybrid involving southern cattail: A case study from Wisconsin	Knosalla *	Investigating how the season of prescribed burning impacts lowland brush ecosystems	
4:40	Zuckerberg	Understanding the vulnerability of wetland-dependent wildlife to climate change	Tillman *	Comparing the plant communities in wetland mitigation banks to those in natural wetlands	
5:00 - 6:30		Poster Session & Cash Bar (Location TBD)		Sponsored by Stockbridge-Munsee Community	
6:30 - 9:30		Banquet & Presentation (Ticketed event -Location TBD)		Sponsored by WCMP	

THURSDAY, February 22, 8:30 am - 4:30 pm

8:30 - 9:20 Plenary Session (Location TBD) Sponsored by Cardno

8:30 **Welcome**

8:40 **Plenary Address: Climate Change and Waters of Wisconsin: An Update**
John Magnuson, Emeritus Professor and Emeritus Director, Center for Limnology, UW – Madison

9:30 - 10:30 **Concurrent Sessions**

	Location: TBD	SYMPOSIUM: Preparing Wisconsin's wetlands for a changing world <i>Moderator: TBA</i>	Location: TBD	Invasive Species I <i>Moderator: Aaron Feggestad</i>	Location: TBD	Hydrology & Geomorphology <i>Moderator: Dreux Watermolen</i>
9:30	Shannon	Climate change risk management: Introduction to adaptation in planning and decision-making	Kiser*	Large-scale evaluation of reed canarygrass suppression treatments across four floodplain sites in SE Minnesota	Gigliero	Status of lidar elevation products in Wisconsin 2018
9:50	Ontl	Overview of adaption tools and approaches for wetland managers	DeLaundreau *	Integrated management techniques for controlling reed canarygrass and restoring floodplain forests	Potter	Modeling the frequency and extent of overbank flow of a wetland stream
10:10	Sullivan	Pre-adapting restorations to ongoing climate change: assessing tools, lessons learned, and future challenges	Webster	An adaptive management approach to treatment of Phragmites australis in northeast Wisconsin wetlands	Graham	Spring systems in Wisconsin

10:30 - 11:00 Break (Location TBD) Sponsored by Applied Ecological Services

11:00 - 12:00 **Concurrent Sessions**

	Location: TBD	SYMPOSIUM: Preparing Wisconsin's wetlands for a changing world <i>Moderator: TBA</i>	Location: TBD	Invasive Species II <i>Moderator: Kelly Kearns</i>	Location: TBD	Identifying and Implementing In-Lieu Fee Mitigation Projects <i>Moderator: Nick Miller</i>
11:00	Ontl	Is your adaptation approach working? The importance of monitoring	Alexander	Phragmites Adaptive Management Framework: Citizen science and decision support tool for the Great Lakes basin	Berenthal	Wetlands by Design: Using the Wetlands Explorer to find and evaluate wetland conservation sites for mitigation
11:20	Staffen	Preparing Wisconsin's wetlands for a changing world: Pioneers in adaption share their stories	Murphy *	Is native cattail on the decline? A case study in Volo Bog State Natural Area, IL	Gallagher-Jarosz	In-lieu fee mitigation in Wisconsin: Updates, lessons learned, and adaptations
11:40			Trochlell	Monitoring the effectiveness of invasives control at Pheasant Branch Conservancy using timed meander surveys	White	Partnering to successfully secure an in-lieu fee project

12:00 - 1:30 Lunch (provided - Location TBD) Sponsored by J.F. Brennan Company

1:30 - 4:30 **Working Groups, Workshops, and Field Trips**

Working Group & Workshop		
<p>Practitioners Working Group</p> <p>Location: TBD</p> <p>Moderator: Dan Salas</p> <p>This session offers an opportunity for wetland practitioners—including consultants, federal, state, and local regulators, land managers, and others—to discuss current issues relevant to their daily work. The agenda will be set with the input of those who participated in a similar working group at recent WWA conferences. Topics covered will likely include what's new with state wetland policies, including how they have or will change the review and approval of wetland development permits and associated compensatory mitigation requirements.</p>		<p>Aquatic Plant Identification Workshop</p> <p>Location: TBD</p> <p>Instructor: Paul Skawinski</p> <p>Wisconsin is blessed with about 150 species of plants that live completely submerged or floating in our lakes, streams, and wetlands. Even a small sedge meadow pool may have a dozen aquatic species in it, ranging from carnivorous bladderworts to pondweeds to macro-algae like Chara. Paul will introduce the diversity of aquatic plants in Wisconsin and highlight the major groups that occur here. Specimens will be available during the workshop for participants to study.</p>
<p>Field Trips</p> <p>Field trip will depart from the conference center. Transportation provided. Sign up for field trips at the registration desk.</p>		
<p>Connecting People to Nature: Wildlife and Habitat Recovery at a Local Field Station</p> <p>Field Trip Leaders: Alex Schlect, Marlin Johnson, and Teresa Schueller</p> <p>Thank you to TRC Environmental for their generous sponsorship of this trip.</p>	<p>Mukwonago River Wetland Restoration: An In-Lieu Fee Mitigation</p> <p>Field Trip Leaders: Cheryl White, Meghan Wersel, and staff from TNC and WDNR</p> <p>Thank you to Midwest Natural Resources for their generous sponsorship of this trip.</p>	<p>Wetlands in Winter: Scuppernong River Habitat Area</p> <p>Field Trip Leaders: Pat Trochlell and Don Reed</p> <p>Thank you to Hey & Associates for their generous sponsorship of this trip.</p>

* denotes presenter is participating in the student presentation competition