

1:30-4:30 Workshops and Field Trips

LOWER DELLS A

Lower Dells B Workshop

New wetland rapid functional value tool (RAM) training

Pre-registration required

Instructors: Sally Jarosz, Ken Powell, Allison Willman, and Tom Pearce

Sponsored by Wisconsin Coastal Management Program

Lower Dells D Workshop

Glacial geology 101 for wetland professionals

Pre-registration required

Instructor: Nelson Ham

Sponsored by Terracon

Lower Dells E Workshop

Introduction to common Wisconsin sedges

Pre-registration required

Instructors: Pat Trochlell and Steve Eggers

Sponsored by Gary R. Weber Associates, Inc.

Lower Dells F Workshop

Ho-Chunk Black Ash basket making

Pre-registration required

Instructor: Kimberly Crowley

Field Trips

Pre-registration required

Meet at the North Convention Center Atrium Entrance (at the base of the escalators) at 1:20 pm to depart by bus

**Aldo Leopold Foundation:
Pines Property wetland restoration's story and future**

Leaders: Carl Cotter, Peter Zeigler, Steve Swenson, Kate Singer, Caitlin McWilliams

Sponsored by Ducks Unlimited

**Aldo Leopold Foundation shack & farm:
Floodplain restoration & landscape management**

Leaders: Arik Duhr, Mitchell Groenhof, Eric Snyder, Gracie Corral, and Emily Johnson

Sponsored by KCI Technologies, Inc.

**Upham Woods:
Accessibility in natural areas outreach programming**

Leader: Rachael Lewandowski-Sarette

Sponsored by Alliant Energy

4:30-6:00 Dinner Break

Visit one of the restaurants in the Ho-Chunk Casino (connected to the convention center) or in the greater Baraboo/Wisconsin Dells area.

6:00-9:00 Conference Kickoff Social & WWA Annual Meeting (Upper Dells Ballroom and Atrium)

Kick-off the conference with an evening networking, a cash bar, light appetizers, and more. Hear highlights of WWA's work last year and elect WWA board members during a brief annual membership meeting.

WEDNESDAY, February 25, 9:00 am - 9:00 pm

9:00-10:30 **Plenary Session: Welcome and Keynote Presentation (Upper Dells Ballroom) Sponsored by We Energies Foundation**

9:00 **Welcome & Opening comments**

Conference Keynote: Digging in: Wetland soils of Wisconsin and their role in ecological restoration

Dr. Holly Dolliver (Department Chair, Plant and Earth Science/Professor, UW-River Falls) and Dr. Amanda Little (Professor/Environmental Science Program Director, UW-Stout)

10:30-11:00 **Break - Network with Exhibitors & Attendees (Upper Dells Atrium) Sponsored by CORRE, Inc.**

11:00-12:20 **Symposia, Concurrent Session, Roundtable Conversation, & Workshop**

LOWER DELLS A SYMPOSIUM

Wetlands benefit from many levels of crane conservation

Moderator: Anne Lacy
Sponsored by Thompson & Associates Wetland Services

11:00 A 10-year vision for cranes, wetlands, and communities: Insights from Wisconsin to the world | **Beilfuss, R.**

11:20 Wetland restoration to ensure flyway connectivity for migratory cranes | **Caven**

11:40 Threat mitigation to protect critical wetland habitat for Whooping Cranes | **Thompson, H.**

12:00 Whooping crane nest site selection in Wisconsin wetlands | **Gordon**

LOWER DELLS B

Peatlands and carbon

Moderator: Erin O'Brien
Sponsored by J.F. Brennan Company, Inc.

Partnerships for peatland restoration in Minnesota | **Swope**

PeatRestore: Providing knowledge and tools needed to make informed decisions about peatland restoration | **Uhelski**

When is restoration win-win? Evaluating plant diversity and carbon stock tradeoffs across restored floodplains | **Peterson***

Floristic quality assessment in WI rich fens using bryophytes and vascular plants | **Wefferling**

LOWER DELLS D SYMPOSIUM

Wetlands 101, Part I

Moderator: Sally Jarosz
Sponsored by BioApp

Three parameters for identifying wetlands | **Meyer**

Wetland soils 101 for wetland delineation and restoration | **Thompson, A.**

Wetland hydrology 101 | **Brooks**

Difficult scenarios in wetland delineation | **Remus**

LOWER DELLS E Roundtable

Observations and strategies related to ash dieback

Facilitators: Meredith Thomsen and Dustin Bronson

LOWER DELLS F Workshop

Identification of WI's native & exotic aquatic plants

Pre-registration required

Instructors: Paul Skawinski and Madeline Hetland

Sponsored by Davel Engineering & Environmental, Inc.

12:20-1:50 **Lunch & Networking - Provided (Upper Dells Ballroom) Sponsored by Oneida Nation**

1:50-3:10 **Symposia, Concurrent Session, Roundtable Conversation, & Working Group**

LOWER DELLS A SYMPOSIUM

Lower Wisconsin Riverway, Part I

Moderator: Mike Mossman
Sponsored by Merjent

1:50 The Lower Wisconsin State Riverway: A riparian corridor with wetlands of international importance | **Cupp**

2:10 Feast and famine: Effects of droughts and floods in the Lower Wisconsin River basin | **Unmuth**

2:30 Native mussels of the Lower Wisconsin Riverway | **Kitchel**

2:50 The future of the fishes of the Lower Wisconsin River floodplain | **Lyons**

LOWER DELLS B

Wetland challenges

Moderator: Josh Brown
Sponsored by Baxter & Woodman, Inc.

Patterns of plant invasions in Wisconsin wetlands | **Bart**

Impacts of neonicotinoid pesticides on wetland ecosystems | **Jeninga-Nehls**

Tackling aquatic invasive species with surveys, drones, and soil cores in the Pheasant Branch Conservancy | **Williams**

Cross examining Wisconsin's herbaceous wetland community types against hundreds of high-quality site surveys | **Noll**

LOWER DELLS D SYMPOSIUM (cont.)

Wetlands 101, Part II

Moderator: Sally Jarosz
Sponsored by ISG

Wetland delineation vegetation sampling | **Willman**

Keeping rare invasive species rare in Wisconsin waters | **Kalscheur**

Intro to wetland plant communities | **O'Connor**

Wisconsin wetland regulatory programs 101 | **Reynolds**

LOWER DELLS E Roundtable

Forested wetlands in Wisconsin: Sharing ideas across disciplines

Facilitators: Andy Meier and Greg Edge

LOWER DELLS F Working Group

Tribal wetland programs working group

By invitation only

Facilitators: Jessica Jacobson and Mike Jones

Sponsored by Forest County Potawatomi Foundation

3:10-3:40 **Break - Network with Exhibitors & Attendees (Upper Dells Atrium) Sponsored by Wisconsin Flowgate & Drainage**

3:40-5:00 **Symposium (cont.), Concurrent Sessions, Roundtable Conversation, & Working Group**

LOWER DELLS A SYMPOSIUM (cont.)

Lower Wisconsin Riverway, Part II

Moderator: Mike Mossman
Sponsored by GAI Consultants, Inc.

3:40 Amphibians and reptiles in the Lower Wisconsin Riverway | **Casper**

4:00 The past, present, and future of the Lower Wisconsin State Riverway's bottomland hardwood forests | **Hutnik**

4:20 Changes in breeding-bird communities of the Lower Wisconsin Riverway and the effects of climate | **Mossman**

4:40 **Q & A**

LOWER DELLS B

Wetland restoration and management techniques

Moderator: Travis Olson
Sponsored by TRC

Fifty years of water level, flora, and fauna changes at Goose Pond, Columbia Co., and what the future may hold | **Martin**

Beneath the surface: Designing wetland restorations to protect crayfish and snake habitat | **Olson**

Impact of Great Lakes coastal wetland restoration on seasonal bird assemblages | **Dunn***

A spatial model for wetland plant migration and pike spawning habitat in Great Lakes coastal restoration | **Volkening**

LOWER DELLS D

Wetlands and people

Moderator: Maddy Reick
Sponsored by Wisconsin Public Service Foundation

Promoting tribal wetland conservation leadership in Wisconsin through short videos | **Beilfuss, K.**

Strengthening undergraduate science identity through the Dragonfly Mercury Project | **Cary**

Why do we do this? Communicating our love of wetlands | **Bart**

Neutron activation of Tribal waters | **Teepie**

LOWER DELLS E Roundtable

Women in wetlands

Facilitator: Nicole Staskowski

LOWER DELLS F Working Group

Connecting science to action for Wisconsin's peatland carbon reserves

Facilitators: Sylvia Troost and Alex Moya

Please note that this working group runs until 5:30 pm.

5:00-6:30 **Poster Session and Social (Upper Dells Atrium) Sponsored by GEI Consultants, Inc.**

6:30-9:00 **Casual Buffet Dinner and Networking Activities (Upper Dells Ballroom & Atrium) Sponsored by Stantec**

An evening of activities and fun! Includes a casual buffet dinner and cash bar.

*denotes presenter is participating in the student presentation competition

THURSDAY, February 26, 8:30 am - 2:50 pm

8:30-9:30 **Plenary Session (Upper Dells Ballroom) Welcome and Keynote Presentation** *Sponsored by Fund for Lake Michigan*
Plenary Address: Layers for going deeper: Uncovering a wetland's history, biology, hydrology, and more through digital resources
 Dr. Steve Ventura (Environmental Studies & Soil Science Professor *Emeritus*, UW-Madison)

9:30-10:15 **Lightning Round Presentations (Upper Dells Ballroom)** *Sponsored by Ho-Chunk Nation/Ho-Chunk Gaming Wisconsin Dells*

Mapping US peatlands: A new tool to conserve and restore carbon sinks | **Moya**

Students and water in Wisconsin's peatland plant communities: A project funded by UW's Freshwater Collaborative | **Feist**

The importance of state agency collaborations | **O'Brien**

Wetland floristics of Illinois Beach State Park | **Krellwitz**

10:15-10:40 **Break - Network with Exhibitors & Attendees (Upper Dells Atrium)** *Sponsored by raSmith*
10:40-12:00 **Symposium, Concurrent Session, Roundtable Conversation, & Workshop**

LOWER DELLS A

SYMPOSIUM

Beavers and wetlands, Part I

Moderator: Dreux Watermolen
Sponsored Hey & Associates, Inc.

10:40 Beaver monitoring in Wisconsin | **Stenglein**

11:00 The effects of beaver dams on Wisconsin trout streams and fisheries | **Mitro**

11:20 Exploring the eco-cultural relationships of beaver and wild rice: Hydrological and cultural perspectives | **Garrity**

11:40

LOWER DELLS B

Wetlands and water management

Moderator: Sarah Kraszewski
Sponsored by Westwood Professional Services

Large scale urban river and wetland restoration: The Don River Portlands Flood Protection Project
Melchior

A case study on the stormwater and economic benefits of wetland restoration in an urban landscape | **Feggstad**

Lampark Creek: Voluntary stream restoration in a rapidly urbanizing Southeast Wisconsin watershed
Wied

Wisconsin springs inventory | **Rosnow**

LOWER DELLS D

Roundtable

Young professionals in wetland science

Facilitators: Tiffany Wagner, Alice Thompson, and Patricia Trochlell

LOWER DELLS E

LOWER DELLS F

Workshop

World wide web of wetlands

Pre-registration required

Instructors: Peter Levi, Aaron Marti, Lauren Haydon, Chris Smith, and Steve Ventura

Sponsored by Weaver Consultants Group

12:00-1:30 **Lunch & Networking - Provided (Upper Dells Ballroom)** *Sponsored by Heartland Ecological Group*
1:30-2:50 **Symposium (cont.), Concurrent Session, Working Group, Roundtable Conversations, & Workshop (cont.)**

Lower Dells A

SYMPOSIUM (cont.)

Beavers and wetlands, Part II

Moderator: Dreux Watermolen
Sponsored by Resource Environmental Solutions

1:30 Beavers at work: Boosting biodiversity through habitat engineering here, there, and everywhere
Dean

1:50 Managing wetlands alongside rodents of unusual size | **Strobel**

2:10 Public attitudes and opinions regarding beaver and beaver management in Wisconsin | **Bradshaw**

2:30 Following the process: Updating Wisconsin's Beaver Management Plan | **Rossler**

Lower Dells B

Wetlands as solutions in watersheds and communities

Moderator: Tally Hamilton
Sponsored by Davey Resource Group, Inc.

Wisconsin DNR and USDA agricultural mitigation banking progress and updates | **Klimesh**

Hydrologic Restoration General Permit: Why bother and how to be successful | **Western Hauser**

Trailblazers: Projects that have used the Hydrologic Restoration General Permit to achieve their goals
VonHoldt

A community of conservation: Restoring a watershed in the heart of "Sand County" | **Pfost**

Lower Dells D

Working Group

Practitioners' working group
 Facilitator: Matthew Knickelbine

Lower Dells E

Roundtables

The Mary Linton wetland poetry session
 Facilitators: Mike Mossman, Tod Highsmith, Alice Thompson

Neonicotinoid pesticides in Wisconsin wetlands and community outreach
 Facilitators: Anya Jeninga-Nehls, Ellen Voss, and Sara Walling

Lower Dells F

Workshop

World wide web of wetlands (cont.)