

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

9:00-5:00 **18th Annual Driftless Area Stream Restoration Symposium**
Meeting Room AB (Zielke)

Please note that this symposium is a separate event from the Wetland Science Conference and is not included in registration.

1:30-4:30 Wetland Science Conference Workshops and Field Trips

Meeting Room D	Meeting Room E	Meeting Room F	Meeting Room G
Workshop	Workshop	Workshop	Workshop
How a Loner Learned to Collaborate **Pre-registration required** Instructor: Leigh Fredrickson <i>Sponsored by Ducks Unlimited with special support from the Wisconsin Wildlife Federation and the Wisconsin Waterfowl Association</i>	Black Ash Plaited Basket-Making **Pre-registration required** Instructor: Liandra Skenandore <i>Sponsored by Wisconsin Coastal Management Program</i>	Wetland Themed Linocut Print-Making **Pre-registration required** Instructor: Samantha Foster <i>Sponsored by Native Range Ecological</i>	Wetland Natural Communities of the Driftless Area **Pre-registration required** Instructors: Ryan O'Connor and Pat Trochlell <i>Sponsored by Alliant Energy</i>

4:30

5:00-6:00 Dinner Break

Explore the many great restaurants and cafes that downtown LaCrosse has to offer!

6:00-9:00 Kickoff social and networking activities (Riverside Ballroom) *Sponsored by Fund for Lake Michigan*

Kick-off the conference with an evening of activities and fun, a cash bar, desserts, and more. This event also bring together the wetland and trout communities to foster comradery and collaboration, as folks from Trout Unlimited's programming will join Wetland Science Conference attendees.

WEDNESDAY, February 26, 9:00 am - 9:00 pm

9:00-10:20 **Plenary Session: Welcome and Keynote Presentation (Riverside Ballroom BC)** *Sponsored by Westwood Professional Services*

Welcome & Opening comments

Conference Keynote: Pearls on a String: Recognizing the value intact wetlands and alluvial valleys have within the stream continuum

Paul Burns, Fisheries Biologist, USDA Forest Service

10:20-10:40 **Break - Network with Exhibitors & Attendees (Riverside Ballroom A)** *Sponsored by Sterling Site Access Solutions*

10:40-12:00 **Symposia, Concurrent Session, & Roundtable Conversation**

Meeting Room AB (Zielke)

SYMPOSIUM

Restoring Wetland & Stream Systems

Moderator: Erin O'Brien

Sponsored by James E. Dutton Foundation, Inc. and a Mosaic Momentum grant from the Water Solutions Fund

10:40 Connecting watershed hydrology to stream processes in the Driftless Area | **Belby**

11:00 Functioning floodplains for fish and folks | **Shader**

11:20 Application of process-based full-system watershed restoration | **Kraft**

11:40 **Symposium Panel Q&A**

Meeting Room CD

SYMPOSIUM

Tribal Wetland Conservation, Part I:

Working with the Tribes

Moderator: Caitlin Williamson

Sponsored by Natural Resources Foundation of Wisconsin

Panel discussion

Ann McCammon Soltis (GLIFWC), Jeff Mears (WTAC), and Tina Van Zile (Sokaogon Chippewa Community) will cover foundational knowledge for non-native people on how to partner meaningfully and effectively with Tribes.

Symposium Panel Q&A

MEETING ROOM E

LITTLE FREE WETLAND LIBRARY!

SPECIAL THANKS TO EVERYONE WHO DONATED BOOKS.

Meeting Room F

Wetlands 101

Moderator: Allison Willman

Sponsored by Merjent

Wetland soils 101 for delineators | **Thompson**

A primer on aerial imagery reviews | **Majerus**

Wetland delineation reporting 101: How to write a wetland delineation report | **Brooks**

Introduction to wetland condition monitoring techniques and considerations | **Jaroz**

Meeting Room G

Roundtable

Conversation

Career Development & Continuing Education in Wetland Science

Facilitators: Josh Brown and Emily Hack

12:00-1:30 **Lunch & Networking - Provided (Riverside Ballroom BC)** *Sponsored by Oneida Nation*

1:30-2:50 **Concurrent Sessions, Symposium (cont.), & Working Group**

Meeting Room AB (Zielke)

Effective Wetland Restoration and Management Techniques, Part I

Moderator: Melinda Knutson

Sponsored by TRC

1:30 Wetlands banking as a water management solution in an agricultural watershed | **McCabe**

1:50 Dramatic shifts towards hydrophyte dominance in Curtis Prairie: 86 years after reconstruction | **Glaserhardt***

2:10 Quantifying soil organic matter and carbon stock recovery at a longterm floodplain restoration experiment | **Peterson***

2:30 Restoring the headwaters of the Little Plover River: A combination stream and wetland mitigation bank **Varian**

Meeting Room CD

SYMPOSIUM

Tribal Wetland Conservation, Part II:

Wetland Conservation in Action

Moderator: Mike Jones

Sponsored by Natural Resources Foundation of Wisconsin

Lightning Presentations

Representatives from Tribes across the region will share their wetland priorities and opportunities for partnership.

Meeting Room F

Wetlands and Invasive Species

Moderator: Jason Granberg

Sponsored by BioApp

Invasive species or invisable ecosystems? **Thomforde**

Results from unraveling the knotweed complex in Wisconsin | **Wallrath**

Impact of invasive flowering rush on macrophyte diversity and composition in the Upper Mississippi River | **Carhart**

Meeting Room G

Working Group

Stream and Floodplain Restoration Permitting

Facilitators: Kyle Magyera and Jennifer Western Hauser

Sponsored by a Mosaic Momentum grant from the Water Solutions Fund

2:50-3:20 **Break - (Riverside Ballroom A)** *Sponsored by Wisconsin Flowgate & Drainage*

3:20-5:00 **Concurrent Session, Symposium, Working Groups, & Roundtable Conversations**

Meeting Room AB (Zielke)

Effective Wetland Restoration and Management Techniques, Part II

Moderator: Meredith Thomsen

Sponsored by Baxter and Woodman Natural Resources

3:20 La Crosse River floodplain restoration: Meeting community flood goals with habitat restoration **Reynolds**

3:40 Wetlands for protecting drinking water | **McCabe**

4:00 Naturalizing detention and retention basins | **Melone**

4:20 Are beach shorelands the rarest yet most beneficial terrestrial aquatic interface? | **Thomforde**

4:40

Meeting Room CD

SYMPOSIUM

Status & Trends: Probabilistic Wetland Monitoring Efforts at Regional, State, and National Scales

Moderator: Michael Bourdaghs

Sponsored by ISG

Tracking Minnesota wetlands acreage - 2006-2023 **Skanke**

Status and trends of wetlands in Minnesota: Minnesota wetland condition assessment (2011-2021) | **Bourdaghs**

Probability-based sampling of Great Lakes coastal wetlands with a focus on Wisconsin | **Brady**

National Wetland Condition Assessment: The third collaborative survey of wetlands in the United States **Serenbetz**

Symposium Q&A

Meeting Room F

Roundtable Conversation & Working Group

SYMPOSIUM ROUNDTABLE

Tribal Wetland Conservation

Facilitator: Tracy Hames

Tribal Wetland Programs Working Group

Facilitator: Mike Jones

****By Invitation Only****

This session is made possible by the Forest County Potawatomi Foundation.

Meeting Room G

Working Group & Roundtable

Conversation

Stream and Floodplain Restoration Permitting cont.

The Mary Linton Wetland Poetry Session

Facilitators: Alice Thompson, Tod Highsmith, and Mike Mossman

5:00-6:30 **Poster Session and Social (Riverside Ballroom A and Hallways)** *Sponsored by UW-La Crosse*

6:30-9:00 **Buffet Supper, WWA Annual Meeting, and 30th Conference Anniversary Celebration (Riverside Ballroom BC)** *Sponsored by Stantec*

Learn more about Wisconsin Wetlands Association's work in 2024 and celebrate 30 years of the Wetland Science Conference! Includes a south-of-the-border buffet dinner and cash bar.

THURSDAY, February 27, 8:30 am - 4:00 pm

8:30-9:30 **Plenary Session: Keynote Presentation (Riverside Ballroom BC)** *Sponsored by Wisconsin Department of Natural Resources*

Welcome

Plenary Address: From Biophysical to Social-Ecological Systems:

Best practices for building social capacity in the science and practice of watershed conservation

Kristen Bouska, Research Ecologist, US Geological Survey

9:30-10:15 **Plenary Session: Lightning Round Presentations (Riverside Ballroom BC)** *Sponsored by Davey Resource Group*

Mindel, M. The La Crosse River Marsh: The data behind La Crosse's built-in climate strategy

Knickelbine Investigating the relationship between Showy Lady Slipper and European Skipper butterflies

O'Brien Wetland policy & program development highlights

Mindel, D. The Driftless River Initiative: Connections through collections

Carhart Monitoring aquatic plant recovery in the Upper Mississippi River

10:15-10:40 **Break - Network with Exhibitors & Attendees (Riverside Ballroom A and Hallways)** *Sponsored by GAI Consultants, Inc.*

10:40-12:00 **Symposium, Concurrent Session, Roundtable Conversations, & Side Programming**

Meeting Room AB (Zielke)

SYMPOSIUM

Waterfowl and Wetlands, Part I

Moderator: Taylor Finger

Sponsored by We Energies Foundation

10:40 Keystone species and nutrient regulation in wetlands: Restoring keystone processes | **Thomforde**

11:00 Balancing waterfowl and wild rice: Quantifying the impacts of herbivory on a vulnerable aquatic plant species | **Murphy**

11:20 Avian blood parasites in waterfowl from managed wetlands in Central Wisconsin | **Orlowski**

11:40 Boater compliance with the Lake Onalaska voluntary waterfowl avoidance area | **Fara**

Meeting Room CD

Wetlands and Wildlife

Moderator: Dreux Watermolen

Sponsored by J.F. Brennan Company, Inc.

Non-lethal beaver management to maintain wetland functionality | **Frazer**

Value of beaver-modified streams to bat conservation: Bioacoustic evidence of increased foraging activity | **Dean***

Making wetlands better for birds and bats | **Casper**

Assessing behaviors of trout anglers related to aquatic invasive species in the Upper Mississippi Basin | **Driscoll**

Meeting Room E

Roundtable Conversation

Wisconsin Women in Wetlands

Facilitators: Sally Jarosz, Sarah Kraszewski, and Nicole Staskowski

Meeting Room F

Roundtable Conversation

Hybrid Cattail Control

Facilitators: Phil Sylla and Paul Thompson

12:00-1:30 **Lunch Provided (Riverside Ballroom BC)** *Sponsored by Heartland Ecological Group*

1:30-4:00 **Student Presentation Awards, and Conference Closing Remarks**

Symposium (cont.), Concurrent Session, Working Group, Workshop, & Side Programming

Meeting Room AB (Zielke)

SYMPOSIUM

Waterfowl and Wetlands, Part II

Moderator: Taylor Finger

Sponsored by NES Ecological Services

1:30 Wisconsin's Trumpeter Swan recovery: A 37 year retrospective on research, management, and collaboration | **Mossman**

1:50 Leveraging funds on the Big Muddy that benefit ecosystem and navigation services | **Kelly**

2:10 What do fall-staging canvasbacks need on the Upper Mississippi River? | **Winter**

2:30 How wetlands play a role in Mississippi Flyway waterfowl management and regulations | **Finger**

Meeting Room CD

Wetlands and People

Moderator: Travis Olson

Sponsored by GEI Consultants, Inc.

InterTribal Lake Winnebago ~ Mayom ~ Wild Rice Revitalization Project | **Mixtli**

Makak Aabajitoon Ganawendang Manoomin: Guiding wild rice conservation with Anishinaabe worldview | **Byrne**

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

A tale of two bridges: The Lone Rock Wisconsin River crossing | **Sulman**

Meeting Room E

Working Group

Practitioners' Working Group

Facilitators: Kaley Simonis and Matthew Knickelbine

Meeting Room F

Workshop

Identification of Wisconsin's Aquatic Plants

****Pre-registration required****

Instructor: Paul Skawinski

Sponsored by Thompson & Associates Wetland Services

Meeting Room G

Side Event

9:00-11:30 am

Workshop for Towns: Resilient Streams, Resilient Infrastructure

Facilitator: Sara Strassman, Kyle Magyera, and Chris Collier

****By Invitation Only****

Meeting Room G

Side Event

1:00-4:00 pm

Optimizing Riparian Forest Plantings for Trout Streams

Facilitator: Sara Strassman

****By Invitation Only****

* denotes presenter is participating in the student presentation competition