



Land and Water Shall be Preserved

VIRTUAL CONFERENCE

DECEMBER 1-3, 2021

REGISTER HERE



Virtual Conference Agenda

WEDNESDAY, DECEMBER 1

Welcome and Introductions - Emily Javens, MAWD Executive Director

- 9:00 AM-3:30 PM Watershed Management Workshop
9:00 AM-3:00 PM Minnesota Drainage Seminar
4:00 PM-5:00 PM Regional Caucuses + Pryor Learning Information Session

THURSDAY, DECEMBER 2

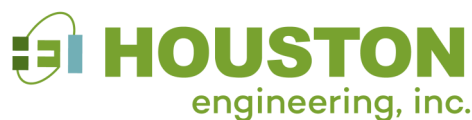
Welcome and Introductions - Emily Javens, MAWD Executive Director

- 9:00 AM-11:45 AM Morning Concurrent Sessions, check schedule for presentations and zoom links
12:00 PM-12:45 PM Awards and Matinee Movies
DNR Watershed District of the Year
BWSR Watershed District Employee of the Year
MAWA Watershed Administrator of the Year
Watershed District Program of the Year
Watershed District Project of the Year
1:00 PM-3:45 PM Afternoon Concurrent Sessions, check schedule for presentations and zoom links
4:00 PM Networking Sip and Share hosted by our Platinum Sponsors

FRIDAY, DECEMBER 3

- 9:00 AM-11:45 AM Concurrent Sessions, check schedule for presentations and zoom links
1:00 PM-4:00 PM MAWD Business Meeting

THANK YOU TO OUR PLATINUM SPONSORS!



Watershed Management Workshop

MAWD Pre-Conference

Wednesday, December 1, 2021

9:00AM-3:00PM

9:00 – 9:30 AM WELCOME AND INTRODUCTIONS

9:30 - 10:45 AM YOUR ROLE IN WATERSHED MANAGEMENT

Understanding Watershed District Legal Powers and Purposes – Watershed districts have their own compact chapter of law – Minnesota Chapter 103D and metro watershed districts also have 103B. This legal overview will provide insight into why watershed districts were created and the legal authorities given to districts to pursue their missions.

Minnesota's Approach to Water Management – Minnesota's approach to water management focuses on managing natural resources on a watershed basis. Learn how watershed districts and other state and local entities are involved in this approach.

15-minute BREAK

11:00 – 12:00 PM YOUR ROLE IN WATERSHED PLANNING

Every organization on the planet from the Girl Scouts to the US Army has some sort of strategic plan to guide them. Watershed district plans set priorities, outline strategies, and identify targeted and measurable goals. This session will explain the process to develop or update your plan.

60-minute LUNCH BREAK

1:00 – 1:30 PM YOUR ROLE IN PROJECT AND PROGRAM IMPLEMENTATION

Your watershed plan is in place. What happens next? Education and on-the-ground efforts are necessary to meet the priorities and strategies that have been identified. This session will explore the options available to raise funds to meet the targeted and measurable goals in your plan.

15-minute BREAK

1:45 – 2:45 PM YOUR ROLE AS A GOVERNMENT OFFICIAL

What will you do if this happens to you?

1. Prior to the board meeting another manager calls to encourage you to vote for an issue on the agenda. How should you respond?
2. The board treasurer is giving a report to the board. You spot a check to a vendor for a larger amount than what the board had previously authorized. What's the appropriate response?
3. A junior staff person tells you there have been inappropriate jokes in the workplace. Now what?
4. A county commissioner has let you know how she expects you to vote on an issue. Now what?
5. A citizen lets you know that the board did a terrible job approving a "stupid project." You happen to agree it wasn't a great project, but yours was one of only two dissenting votes. How do you respond?

This session will facilitate a discussion about how to respond to these and other scenarios that will help you do your job well and stay away from legal trouble and will provide an understanding of the Open Meeting Law, Data Practices Act, Freedom of Information Act, and other relevant rules and regulations.

2:45 – 3:00 PM WRAP UP

Instructors: Jan Voit, Facilitator
Annie Felix-Gerth and Kevin Bigalke, MN Board of Water and Soil Resources
Louis Smith, Smith Partners, PLLP
Michelle Overholser, Yellow Medicine River Watershed District

Minnesota Drainage Seminar

MAWD Pre-Conference

Wednesday, December 1, 2021

9:00AM-3:15PM

9:00 – 9:10 AM WELCOME AND INTRODUCTIONS

Welcome: Emily Javens, MAWD Executive Director

Facilitator: Tom Gile, Resource Conservation Section Manager/Drainage Work Group Facilitator, Board of Water and Soil Resources (BWSR)

9:10 – 10:00 AM UTILITIES... REAL WORLD PRACTICAL APPROACH - URBAN AND RURAL PERSPECTIVE

Ashlee Ricci, District Technician, Rice Creek WD

Tim Stahl, County Engineer, Jackson County

In this session, presenters will give an overview of procedure development, policies, and issues faced in permitting and managing utility crossings in public drainage systems from an urban and rural perspective.

15-minute BREAK

10:15 – 11:15 AM UTILITIES PANEL: WINDMILLS AND PIPELINES

Chris Otterness, PE – Houston Engineering, Inc. (Rice Creek WD pipeline example)

Tom Gile, Resource Conservation Section Manager/Drainage Work Group Facilitator, BWSR (Coon Creek WD example)

Chuck Brandel, PE - ISG (Heron Lake WD Judicial Ditch #19 example)

Even when a utility plan and permitting process is in place, crazy things can happen. In this session, panelists will describe real-life situations in addressing conflicts between public drainage systems and new/existing utility construction.

11:15 – 12:15 PM EASEMENTS and RIGHTS-OF-WAY: Acquisition, Recording, and Best Practices

Kale Van Bruggen and John Kolb, Rinke Noonan

What should drainage authorities take into account when acquiring easements and rights-of-way? What are considerations when drainage system rights-of-way or easements cross utility rights-of-way or easements? In this session, Rinke Noonan staff attorneys will explain best practices surrounding drainage easements and rights-of-way.

45-minute LUNCH BREAK

1:00 – 1:30 PM GOPHER STATE ONE CALL

Barbara Cedarberg, Chief Operations Officer, Gopher State One Call (GSOC)

Watershed Districts often manage underground infrastructure which is at risk of damage during excavation activities due to lack of universal knowledge of the location of this infrastructure. In this session, GSOC's Chief Operations Officer will explain why a local government may register with GSOC, how this registration occurs, and what responsibilities are required of listed "facilities operators."

1:00 – 1:45 PM LEGAL UPDATES

Emily Javens, MAWD Executive Director

An update will be given on court decisions that could affect agricultural drainage in Minnesota.

15-minute BREAK

2:00 – 3:00 PM MULTIPURPOSE DRAINAGE MANAGEMENT

Henry Van Offelen, Clean Water Specialist – Board of Water and Soil Resources

Chad Engels, PE - Moore Engineering

In this session, BWSR staff will give a general program overview and history of the Multipurpose Drainage Management Grant Program. Moore Engineering staff will share their experiences working within the program and how they manage to fit it into their local process for drainage work.

3:00 – 3:15 PM WRAP UP

Tom Gile, Resource Conservation Section Manager/Drainage Work Group Facilitator, BWSR

Emily Javens, MAWD Executive Director

Thursday, December 2nd Sessions

HOSTED BY:

BARR

TIME	TRACK	SPEAKERS + PRESENTERS
9:00 AM	Pond Treatment with Spent Lime to Control Phosphorus Release from Sediments	Greg Wilson, Barr Engineering Co.
9:00 AM	Water Treatment By-Product Used to Enhance Phosphorus Reductions	Joshua Maxwell, RPBCWD
9:00 AM	What does Climate Change mean for future flooding in the Red River basin?	Tyler Olsen, Barr Engineering Co.

HOSTED BY:

EOR water
ecology
community

TIME	TRACK	SPEAKERS + PRESENTERS
10:00 AM	Translating Diversity, Equity, & Inclusion into Systems Change in Policy & Planning	Rosie Russell, EOR Belinda Gardner, Capitol Region WD
10:00 AM	The Mississippi River Green Team: Impacts of an Environmental Workforce Program	Michaela Neu, MWMO Gretchen Engstrom, MSP Park and Rec
10:00 AM	Developing Automated Technologies for Common Carp Management	Vinnie Hirt, Przemek Bajer, Carp Solutions Matt Kocian, Rice Creek WD

HOSTED BY:

HOUSTON
engineering, inc.

TIME	TRACK	SPEAKERS + PRESENTERS
11:00 AM	Black River Impoundment Project	Myron Jesme, Red Lake WD Tony Nordby, Houston Engineering
11:00 AM	"If I Were King for a Day": the How's and Why's of Rule Revision	Patrick Hughes, Rice Creek WD
11:00 AM	The Hallock Dam Retrofit	Ted Rud, Houston Engineering Ericka Beito, Houston Engineering

12:00 PM

GRAB LUNCH AND WATCH THE AWARDS + MATINEE MOVIES

Thursday, December 2nd Sessions

HOSTED BY:  **Stantec**

TIME	TRACK	SPEAKERS + PRESENTERS
1:00 PM	A Tale of Two Filters: Amending Filtration Media with Biochar to Remove Bacteria from Urban Stormwater	Justine Dauphinais, Jon Janke, Chase Vanderbilt, Coon Creek WD
1:00 PM	Diversity, Equity, and Inclusion Leadership Forum	Belinda Gardner, Mark Doneux, Capitol Region WD
1:00 PM	Red River Basin LiDAR Data Acquisition	Robert Sip, Red River WMB Charles Fritz, International Water Institute

HOSTED BY:  **moore**
engineering, inc.

TIME	TRACK	SPEAKERS + PRESENTERS
2:00 PM	Redpath Impoundment and Mustinka River Rehabilitation Project	Chad Engels, Moore Engineering Greg Fransen, Barr Engineering
2:00 PM	Lake Traverse Water Quality Improvement Project	James Guler, Amy Denz, Moore Engineering
2:00 PM	Tools for Implementing Your Comprehensive Watershed Management Plan - BWSR's 1W1P	Tara Ostendorf, Moore Engineering

HOSTED BY:  Architecture
Engineering
Environmental
Planning

TIME	TRACK	SPEAKERS + PRESENTERS
3:00 PM	Watershed Planning: Targeting Flexibility	Paul Marston, Courtney Phillips, ISG
3:00 PM	Recreation as a Catalyst for Conservation and Community Revitalization	Staci Williams, ISG

HOSTED BY: 

TIME	TRACK	SPEAKERS + PRESENTERS
3:00 PM	Roseau Lake Rehabilitation – A Decade and Counting	Nate Dalager, HDR

4:00 PM

Join our Platinum Sponsors for a Sip and Share Networking Event!

Friday, December 3rd Sessions

TIME	TRACK	SPEAKERS + PRESENTERS
9:00 AM	Improving Water Quality with the Scenario Application Manager	Cindie McCutcheon, Seth Kenner, Chris Lupo, Jason Love, RESPEC
9:00 AM	Lambert Lake Upgrade: Building a Meander to Improve Water Quality and Reconnecting the Floodplain	Dawn Tanner, Phil Belfiori, VLAWMO Emily Jennings, S.E.H. Inc.
10:00 AM	Multi-Partner Implementation of Urban Stormwater Project - Columbia Golf Course BMPs	Alicia Beattie, MWMO Erin Hunker, SRF Consulting Group
10:00 AM	Low Salt Diet Needed: The Sources and Impacts of Chloride Pollution and Tools to Help You Address it	Brooke Asleson, MPCA Laura Jester, BCWMC
11:00 AM	A Fundamentally New Approach to Lake Management	Eli Kersh, Christian Ference, Moleaer Inc.
11:00 AM	Wetland Restoration Challenges in an Agricultural Landscape	Daniel Tix, Janna Kieffer, Barr Engineering Courtney Phillips, Shell Rock River WD

1:00 PM - 4:00 PM

MAWD Business Meeting

THANK YOU TO OUR EXHIBITORS!



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