

**Minnesota Wetland Professionals Association
Past Forums, Field Trips and Conferences**

2023 Forums

January Webinar

Topic: BWSR Updates

Presenters: Ben Meyer and Ken Powell (BWSR)

YouTube Recording: https://www.youtube.com/watch?v=_5Ge2DvNQFw

Credits: 1.5 hours of Online MWPCP/PWSFEBRUARY WEBINAR

February Webinar

Topic: Bell Museum Herbarium and MN Biodiversity Atlas

Presenter: Tim Whitfield, Herbarium Collections Manager

YouTube Recording: <https://www.youtube.com/watch?v=wwBrQ3zjlqY>

Credits: 1.5 hours of online MWPCP/PWS credit

March Webinar

Topic: MPCA: Low Salt Diet for Many Wetland Plants/401 Water Quality Certification Program

Speakers: Mark Gernes and Jen Oknich, MPCA

YouTube Recording: <https://www.youtube.com/watch?v=uLDnwmUi-FU>

MPWCP Credits: 1.5 Hours online

April Forum

Topic: Understanding the WCA and Section 404 Alternatives Analysis Process

Speakers: Chad Konickson, USACE; David Demmer, BWSR; Tim Smith, Aquic Wetland and Stream Mitigation Strategies

YouTube Recording: <https://www.youtube.com/watch?v=6H-cnIoE2ew>

Credits: 1.5 Hours in person OR 1.5 hours online

May Webinar

Topic: Wild Biology, Ecology, and Challenges

Speakers: Dan Larkin and Cara Santelli (University of Minnesota) and William “Joe” Graveen (Lac du Flambeau Band of Lake Superior Chippewa)

YouTube Recording: <https://www.youtube.com/watch?v=3BR2zforFJs>

Credits: 1.0 hours online

November Forum

Topic: Draft Prospectus (USACE)

Speakers: Tim Smith

YouTube Recording: <https://www.youtube.com/watch?v=F-8zgr0KXaE>

Credits: 2.0 hours in-person or online

2022 Forums and Events

January Webinar

Topic: Geomorphology and Wetlands in Minnesota
Speaker: Daniel DeJooode, Ph.D., SWCA Environmental Consultants
Credits: 1.5 Online MWPCP
Link: <https://www.youtube.com/watch?v=oF0gqXZNLyk>

February Webinar

Topic: USACE and BWSR Updates
Speakers: Brian Yagle (USACE), Ken Powell, David Demmer, Ben Meyer (BWSR)
Credits: 2.0 Online MWPCP, 2 hours PWS
Link: https://www.youtube.com/watch?v=u_DjkD3I7N4

March Webinar

Topic: WPA Member Input Survey and Discussion
Credits: N/A
Link: N/A

April Webinar

Topic: Septic Systems and Contaminants
Speaker: Dr. Sara Heger (UMN)
Credits: 0 credits
Link: https://www.youtube.com/watch?v=G4H8Sr3l_js

May Webinar

Topic: Enhancing habitat and diversity in cattail dominated shorelines & the Phragmites Reporting Tool
Speaker: Amy Schrank, PhD, University of Minnesota Sea Grant, Assistant Extension Professor; Julie Bohnen, University of Minnesota
Credits: 1.5 MWPCP
Link: <https://www.youtube.com/watch?v=zquZEYHG8G0>

June Webinar

Topic: U.S. Army Corps of Engineers - Delineation Topics, AJDs, Permitting, and Mitigation Banking
Speaker: Leslie Day, Marissa Merriman, Ben Orne (U.S. Army Corps of Engineers, St. Paul District)
Credits: 1.5 hours of Online MWPCP/PWS
Link: [USACE Recording](#)

July Field Trip

Topic: Soils and Landscapes
Host: MN Association of Professional Soil Scientist (MAPSS)
Credits: 6 direct MWPCP

September Field Trip

Topic: Floodplain Hydric Soils
Host: Jay Bell (UMN)
Credits: 4 MWPCP in-person credits

October Webinar

Topic: Great Lakes Initiative - Wetland Assessments on the Great Lakes
Speaker: Valerie Brady, Ph.D. - Natural Resources Research Institute (UMN)
Credits: 1.5 hours of Online MWPCP/PWS
Link: [GLI Recording](#)

October - MN Water Resources Conference

Topic: Wetlands Workshop
Speakers: Ben Meyer (BWSR), David J. Adams (UMD), Nathan Johnson (UMD), Julia Bohnen (UMN)
Credits: 1.5 MWPCP in-person credits
Link: [2022 Water Resources Conference Registration | U of M - CCAPS \(umn.edu\)](#)

November Webinar

Topic: The Nature Conservancy (TNC) - Peatland Restoration as a Natural Climate Solution in MN
Speaker: Kristen Blann and Chris Lenhart (TNC)
Credits: 1.5 hours of Online MWPCP/PWS
Link: [TNC Recording](#)

2021 Forums

January Video Presentation

Topic: *Voyageurs National Park, Minnesota - Spirit of the Boundary Waters*
Credits: 0.5 Online MWPCP
Link: <https://www.youtube.com/watch?v=9J2DNc6ULPY>

February Webinar

Topic: *Updates from BWSR*
Speakers: Ken Powell, David Demmer, Ben Meyer, & Dennis Rodacker
Credits: 2.0 Online MWPCP
Link: <https://www.youtube.com/watch?v=gO9PPYfNYP8>

March Webinar

Topic: *MN Wetland Restoration Projects – Updates and Highlights*

- 1: Lake Superior Wetland Mitigation Bank

Speakers: Ericka Massa and Natalie White, SEH

- 2: Palisade Wetland Mitigation

Speaker: Dan Tix, Barr

3: Mader Farm Wetland Restoration Bank
Speakers: Packy Mader, Landowner and Wes Boll, Wenck
Credits: 2.0 Online MWPCP
Links: YouTube Recording: <https://www.youtube.com/watch?v=FM1PzQm0QqE>
SEH drone flight of one of the ditches at the Lake Superior Wetland Mitigation Bank:
<https://vimeo.com/485679955/b99b33b288>

April Webinar

Topic: *Leap into Appreciating Minnesota's Frogs and Toads*
Speaker: Mark Gernes, MPCA
Credits: 1.0 Online MWPCP
Links: YouTube recording: <https://www.youtube.com/watch?v=0kMYr8h665g>
MPCA Frogs of Minnesota web page:
<https://www.pca.state.mn.us/frogs-minnesota#:~:text=Minnesota%20has%2014%20species%20of,Plains%20Toad%2C%20and%20Canadian%20Toad.>
MnDNR Frogs and Toads web page:
https://www.dnr.state.mn.us/reptiles_amphibians/frogs_toads/index.html

May Webinar

Topic: *MnPhrag: Responding to Invasive Phragmites*
Speaker: Julia Bohnen, University of Minnesota
Credits: 1.0 Online MWPCP
Link: <https://www.youtube.com/watch?v=kiu7IOeF5io>

June Field Trips (6/5 and 6/12, same tours both dates)

Topic 1: *Sax Zim Bog Birding Tour*
Leader: Head Naturalist at Friends of Sax Zim Bog
Credits: 2.5 In-Person MWPCP
Topic 2: *Superior Wetland Bank Tour*
Leader: SEH
Credits: 1.5 In-Person MWPCP

July Field Trip

Topic: *Garden Tour: Useful Plants in the Home Garden*
Leader/Host: Melissa Barrett, Kjolhaug Environmental Services
Credits: 0.5 In-Person MWPCP

August Field Trip

Topic: *Upper Villa Park Wetland & Stormwater Improvement Projects Walking Tour*
Leaders: Forrest Kelley, Capitol Region Watershed District, Bob Fossum, Capitol Region Watershed District, and Ryan Johnson, City of Roseville
Location: Upper Villa Park, Roseville
Credits: 2.5 In-Person MWPCP

September Webinar

Topic: *Stream Restoration, Dam Removal, and Wetland Impacts - Value Judgements Impacting the Landscape*
Speakers: Maren Hancock, PE, Inter-fluve and Marty Melchior, CFP, Inter-fluve
Credits: 0.5 Online MWPCP
Link: <https://www.youtube.com/watch?v=wEaGHmlmYAw>

September Field Trip

Topic: *Hydric Soils Workshop*
Leader: Dr. Jay Bell, University of Minnesota
Locations: 1. Rice Creek Northern Trail Corridor, Shoreview
2. Lake Joy Park, Maplewood
Credits: 4.0 In-Person MWPCP

October Conference (Online)

Topic: *MN Water Resource Conference - Wetlands Special Session*
Wetland Program Updates and Compensatory Planning Framework

- Dennis Rodacker, Board of Water and Soil Resources

Keynote: Fen Diversity in Minnesota

- Scott Milburn, Midwest Natural Resources

Engineering Nature: the structure of calcareous fens and the delicate balance of an ancient wetland

- Keylor Andrews, Minnesota Department of Natural Resources and Megan Benage, Minnesota Department of Natural Resources

Sprague Creek Scientific and Natural Area (SNA) Restoration Project

- Torin McCormack, Roseau River Watershed District

A New Approach for Wetland Functional Assessments in the Riley Purgatory Bluff Creek Watershed

Presentations:

- Joseph Bischoff, Barr Engineering Co.; Terry Jeffery, Riley Purgatory Bluff Creek Watershed District; Zach Dickhausen, Riley Purgatory Bluff Creek Watershed District; Scott Sobiech, Barr Engineering Co.

Creating Dynamic Wetland Maps with Google Earth Engine

- Audrey Lothspeich, University of Minnesota Remote Sensing and Geospatial Analysis Laboratory and Joe Knight, University of Minnesota Remote Sensing and Geospatial Analysis Laboratory

Beneath the surface: what we've learned about wetland seeds in the past 20 years and why it matters to wetland restoration practice

- Dr. Sue Galatowitsch, University of Minnesota, Department of Fisheries, Wildlife and Conservation Biology

Credits: 5.5 Online MWPCP

November Webinar

Topic: *Useful Apps for Wetland Professionals*
1: BioApp
Speakers: Scott Milburn & Bennet Grider, Midwest Natural Resources
2: ArcGIS Field Maps
Speaker: Gustavo Castro, Esri
3: Ecobot

Speakers: Jeremy Schewe & Leigh Rothermel, Ecobot

4: Wildnote

Speakers: Renee Punzi, Wildnote & Alex Yellick, Anderson Engineering, Inc.

Credits: 2.5 Online MWPCP

2020 Forums

January

Topic: *Minnesota Stream Assessment Tools and Stream Mitigation Policy*

Speakers: Desiree Morningstar & Leslie Day

Credits: No MWPCP Credits Allocated & 2 Hours PWS

Link: <https://www.youtube.com/watch?v=6-8wAt6lGBU>

February

Topic 1: *Assessments of Long Term Floristic Quality (Preliminary Results) and Hydrology on Wetland Mitigation Sites*

Speakers: Carol Strojny & Tim Smith

Topic 2: *Ongoing Monitoring Using FQA and C-Value Regionalization*

Speakers: Scott Milburn & Jessie Schmidt

Credits: 2.0 MWPCP & 2 Hours PWS

Links: <https://www.youtube.com/watch?v=39Ej97yOnBs>

<https://www.youtube.com/watch?v=OeWzXmedn-c>

March

Topic: *Wetland Hydrology Related to Development Review*

Speakers: Ed Matthiesen & Joel Toso

Credits: 2.0 MWPCP & 2 Hours PWS

Link: https://www.youtube.com/watch?v=p0eb_7faAMY

May Webinar

Topic: *Making a Statewide NWI Update... and Maintaining It*

Speakers: Steve Kloiber & Andrea Bergman

Credits: 1.0 Online MWPCP & 1 Hour Online PWS

Link: https://wsbeng.zoom.us/rec/share/yt1tILrW_GBIa53T7GLAXPE7HKvVX6a81SQc_qI

Link: [MyEzZ5041UaCDt646jDb6CVPT](https://wsbeng.zoom.us/j/9182111111)

Password: 5h*n=ye. (forum begins ~9 minutes in)

June Webinar

Topic: *Restoring Wetland Vegetation, Past, Present, and Future*

Speaker: Dan Shaw

Credits: 2.0 Online MWPCP & 2 Hours Online PWS

Link: https://wsbeng.zoom.us/rec/share/4O1NdLzxy2RIR7edy3j5UKU9EaTMaaa8hyhN_6cJ

Link: [mk3CJxW_QDMYspagLdTosgBZ](https://wsbeng.zoom.us/j/9182111111)

Password: 0g?49+Ui

August “Field Trip” Webinar

Topic: *The Marcell Experimental Forest, Peatlands, and the Spruce and Peatland Responses Under Changing Environments (SPRUCE) Experiment*

Speaker: Dr. Randy Kolka

Credits: 1.5 Online MWPCP & 1.5 Hour Online PWS

<https://wsbeng.zoom.us/rec/share/vpdRcYCpkkhOH6PRzmLifpEeQL3qT6a8gXQZqfp>

Link: [Zz0YtbErdmRh5-IKCyh5Mt2YO](https://www.youtube.com/watch?v=6afuGptLYes)

Password: B03*\$jd%

NASP14 SPRUCE Climate Change Experiment Virtual Tour:

[https://www.youtube.com/watch?feature=youtu.be&v=6afuGptLYes](https://www.youtube.com/watch?v=6afuGptLYes)

Additional Resources: NASP14 Marcell Virtual Tour v3:

[https://www.youtube.com/watch?feature=youtu.be&v=sfVUYsprKw8](https://www.youtube.com/watch?v=sfVUYsprKw8)

NASP14 Peat Core Extraction:

[https://www.youtube.com/watch?feature=youtu.be&v=QHyEjIwlWR0](https://www.youtube.com/watch?v=QHyEjIwlWR0)

September Plant ID Walks

Location 1: *Elm Creek Park Reserve, Maple Grove*

Leader: Doug Mensing

Date/Time: Cancelled due to weather

Location 2: *Blaine Wetland Sanctuary, Blaine*

Leader: Jason Husveth

Date/Times: Tuesday, 9/15, 9am-12pm & 1pm-4pm

Location 3: *Edenbrook Conservation Area, Eden Prairie*

Leader: Paul Bockenstedt

Date/Time: Tuesday, 9/22, 1pm-4pm

Credits: 3.0 MWPCP (per event)

October Conference (Online)

Topic: *MN Water Resource Conference - Wetlands Workshop*

Wetlands Special Session: Wetland Quality, Resiliency, and Climate Change

- Sheel Bansal, US Geological Survey, Northern Prairie Wildlife Research Center
 - Bansal, S., Lishawa, S., Newman, S., Tangen, B., Wilcox, D., Albert, D., Anteau, M., Chimney, M.J., Cressey, R.L., DeKeyser, E., Elgersma, K.J., Finkelstein, S.A., Freeland, J., Grosshans, R., Klug, P.E., Larkin, D.J., Lawrence, B.A., Linz, G., Marburger, J., Noe, G., Otto, C., Reo, N., Richards, J., Richardson, C., Rodgers, L., Schrank, A.J., Svedarsky, D., Travis, S., Tuchman, N., and Windham-Meyer, L. (2019) Typha (cattail) invasion in North American wetlands: biology, regional problems, impacts, ecosystem services, and management: *Wetlands Brinson Review*, v. 39 , no. 4, p. 645–684
 - Wiltermuth MT, Anteau MJ (2016) Is consolidation drainage an indirect mechanism for increased abundance of cattail in northern prairie wetlands? *Wetlands Ecology and Management*
 - Gleason, Robert A., et al. (2011) USDA conservation program and practice effects on wetland ecosystem services in the Prairie Pothole Region. *Ecological Applications* 21
 - Fennessy, S., & Craft, C. (2011). Agricultural conservation practices increase wetland ecosystem services in the Glaciated Interior Plains. *Ecological Applications* 21

Solar Panel Impact on Wetland Quality Project

- Roxy Robertson, Tony Havranek, Jordan Wein, WSB
- Anoka Sand Plain Wetlands: Have They Changed Over Time?**
- Elizabeth Flage, Joe Magner, University of Minnesota
- Planning for Resiliency: Natural Asset Valuation in a Changing World**
- Olivia Sparrow, Paula Kalinosky, Emmons & Olivier Resources
- Creating Dynamic Wetland Maps with Google Earth Engine**
- Audrey Lothspeich, Joe Knight, University of Minnesota Remote Sensing and Geospatial Analysis Laboratory
- The National Loon Center – A Premier Education Center for Our State Bird**
- Lorin Hatch, Widseth Smith Nolting; Leah Heggerston, National Loon Center Foundation; Mike Angland, Widseth Smith Nolting; Carrol Henderson, Minnesota Department of Natural Resources
 - National Loon Center Website: <https://www.nationallooncenter.org/#purpose>
- Reducing Soluble Reactive Phosphorous (SRP) in Outflow from Impacted Wetlands**
- Brian Kallio, Ed Matthesen, Diane Spector, Wenck Associates
- Floristic Quality of Compensatory Mitigation Sites – Depressional Wetlands in Southern Minnesota**
- Carol Strojny, Tim Smith, MN Board of Water and Soil Resources
- Leveraging Wetlands for Climate Resiliency**
- Rosie Russell, Olivia Sparrow, Kerri Robinson, Emmons & Olivier Resources
- Sediment, Time, and Hydroperiod Influence Restoration Success In Depressional Wetlands**
- Sarah (Winnie) Winikoff, Jacques Finlay, University of Minnesota

Credits: None Allocated

November

Topic: *Exploring and Traversing the Red Lake Peatland SNA on Foot*

Speaker: Jason Husveth

Credits: 1.5 Online MWPCP & 1.5 Hour Online PWS

https://wsbeng.zoom.us/rec/share/A_UCEMNfn2WOeFKnwelGAYn_IWIdVOAfoWX

Link: [S1odYnaHTfntz2YCxwR3x_S546xvt.ZRHYk6cYe-0KhLv4](https://wsbeng.zoom.us/rec/share/A_UCEMNfn2WOeFKnwelGAYn_IWIdVOAfoWX/S1odYnaHTfntz2YCxwR3x_S546xvt.ZRHYk6cYe-0KhLv4)

Password: JQW@zN6#

Additional
Resources:

Craig Hemsath provided a link to drone videos taken at the Red Lake Peatland SNA:

https://www.youtube.com/playlist?list=PLLJaNHJSDbpycCm_ObwfezYHbNe0hE-ge

Critical Connections Ecological Services, Inc. website: <https://www.ccesinc.com/>

2019 Forums

January

Topic: *Wetland Permits 101*

Speaker: Alison Harwood

Credits: No WDCP Credits Allocated & 2 Hours PWS

March

Topic: *Status and Trends of Wetlands in Minnesota: Minnesota Wetland Condition Assessment (2011-2016)*

Speaker: Michael Bourdaghs

Credits: 2.0 Direct & 2 Hours PWS

April

Topic: *BWSR 101 & Major Wetland Program Updates*
Speaker: Ken Powell
Credits: 2.0 Indirect & 2 Hours PWS

May

Topic: *Plant Identification Workshop Focusing on Grass Species*
Speaker: Rhett Johnson
Credits: 2.0 Direct & 2 Hours PWS

June Mini Course

Topic: *Ordway Prairie Plant Identification Focusing on Native Prairie and Wetland Species*
Speaker: Rhett Johnson
Credits: 2.0 Direct

July Field Trip

Topic: *Shallow Groundwater Influenced Wetlands of the Anoka Sand Plain at Cedar Creek*
Speakers: Jason Husveth, MS & James Arndt, PhD
Credits: 4.5 Direct

September

Topic: *Hyland Lake Park Reserve Plant Identification Walk*
Credits: None Allocated

October Conference

Topic: *MN Water Resource Conference - Wetlands Special Session*
Speakers: Various
Credits: 2.4 Direct + 0.3 Indirect

November

Topic: *BWSR Major Wetland Program Updates*
Speaker: Ken Powell
Credits: 2.0 Indirect & 2 Hours PWS

2018 Forums

January

Topic: *Aquatic Insects and How They Connect to Our Terrestrial Environment*
Speaker: Jessica Miller
Credits: No WDCP Credits Allocated & 2 Hours PWS

February

Topic: *Waterbody & Waterway Delineation & Regulation: MNDNR Public Waters & USACE Tributaries*
Speakers: John Gleason, Chad Kenickson, & Leslie Day
Credits: 0.5 Indirect & 2 Hours PWS

March

Topic: *Rapid Floristic Quality Assessment: The How To's and Making Connections*
Speakers: Michael Bourdaghs and Carol Strojny
Credits: 2.0 Direct & 2 Hours PWS

April

Topic: *Identification, Biology, and Ecology of Ferns*
Speaker: Terry Serres
Credits: 2.0 Direct & 2 Hours PWS

May

Topic: *Professional Ethics in the Environmental Field*
Speaker: Dr. David Schultz
Credits: None Allocated

June Mini Course

Topic: *Rapid Floristic Quality Assessment Field Practice & Application of Island Lake Easement*
Speaker: Michael Bourdaghs
Credits: 6.0 Direct

October Conference

Topic: *MN Water Resource Conference - Wetlands Special Session*
Speaker: Various
Credits: 4.5 Direct

November

Topic: *Soil Health 101: A Little Cover Goes a Long Way*
Speaker: Dr. Ann Marie Journey
Credits: 2.0 Direct & 2 Hours PWS

2017 Forums

January

Topic: *2017 Minnesota Wetlands Conference*
Speakers: Various
Credits: Lecture Track: 1.25 Direct + 0.6 Indirect
Hands-on Track: 3.5 Direct

February

Topic: *Wetland Mitigation Banks: Agency Requirements & Expectations*
Speaker: Tom Wenzel
Credits: 0.375 Indirect

March

Topic: *Delineation Data Sheets Reprise: The Good, the Bad and the Automated*
Speaker: Barbara Walther
Credits: 1.5 Direct

April

Topic: *A Study in Scarlet: Tips from a Plant Look-Alike Detective*
Speaker: Terry Serres
Credits: 1.5 Direct

May

Topic: *Historical Changes of Shallow Lakes and Zebra Mussels and Littoral Energy*
Speakers: Dr. Kyle Zimmer and Meg Thompson
Credits: None Allocated

June Field Trip

Topic: *Common and State Listed Terrestrial and Aquatic Weed Identification and Control*
Speakers: Monika Chandler, USDA; Tara Kline & Tara Kelly, Washington Conservation District; Dan MacSwain, Washington County; Lynnette Anderson & Justin Sykora, Belwin Conservancy
Credits: 4.0 Direct

August Mini Course

Topic: *Iron Springs Bog Scientific and Natural Area*
Speaker: Jason Husveth
Credits: 3.0 Direct

October

Topic: *Navigating the Wetland Bank Review Process: Beyond the Rules and Regulations*
Speaker: Tim Smith
Credits: 0.5 Indirect

November

Topic: *Burial of Organic Carbons in Minnesota Wetlands*
Speaker: Dr. Jim Cotner
Credits: 0.5 Indirect

2016 Forums

January

Topic: *U.S. Army Corps of Engineers Regional General Permits*
Speakers: Chad Konickson and Ben Cox
Credits: 0.5

February

Topic: *Northern Long-Eared Bats and Federal Project Reviews*
Speaker: Andrew Horton
Credits: 0.5

February Workshop

Topic: *Winter Tree ID Workshop*
Speaker: Eric North
Credits: 3.0

March

Topic: *Minnesota Landscape Arboretum's Threatened & Endangered Plant Program*
Speaker: David Remucal
Credits: 1.5

April

Topic: *Lake Superior (Sax-Aim) Wetland Mitigation Bank: Vegetation, Hydrology, Monitoring, and Policy Issues Related to Watershed-scale Bog Restoration*
Speaker: Deric Dueschle
Credits: 2.0

May

Topic: *Wetland Conservation Act Statute Changes & Rulemaking*
Speakers: Les Lemm and Ken Powell
Credits: 0.5 Direct

June Mini Course

Topic: *Hydrology*
Credits: 3.0 Direct

July Mini Course

Topic: *Fen Vegetation*
Credits: 3.0 Direct

August Field Trip

Topic: *Crane Meadows National Wildlife Refuge*
Credits: 6.0 Direct

October

Topic: *Update of WCA Rulemaking, the 404 Assumption Study, the BWSR Wetland Mitigation Fee Policy and the BWSR Road Replacement Program*
Speakers: Les Lemm and Doug Norris
Credits: 0.5 Direct

November

Topic: *MN Wetland Health Evaluation Program*
Speakers: Paula Liepold and Mark Gernes
Credits: 0.5 Direct

2015 Forums

January

Topic: *2015 Minnesota Wetlands Conference*
Speakers: Various
Credits: Track 1: 3.7 Direct + 0.25 Indirect
Track 2: 1.7 Direct + 1.5 Indirect

February

Topic: *Blue Earth County Wetland Functions and Values Assessment*
Speakers: Paul Bockenstedt and Ben Meyer

Credits: 2.0 Direct

March

Topic: *BWSR Wetland Bank Applications*
Speaker: Dennis Rodacker
Credits: 0.5 Indirect

April

Topic: *Farmed wetland Delineations: Offsite Determinations*
Speaker: Ben Meyer
Credits: 2.0 Direct

May

Topic: *Nuts & Bolts of Hydric Soils Indicators*
Speaker: Michael Whited
Credits: 2.0 Direct

May Mini Course

Topic: *Wetland Hydrology*
Speaker: Jeff Olson
Credits: 2.5 Direct

July Mini Course

Topic: *Upland Vegetation*
Speaker: Jeff Olson
Credits: 2.5 Direct

August Field Trip

Topic: *Sherburne National Wildlife Refuge*
Speakers: Tony Hewitt and Michelle Garcia
Credits: 6.0 Direct

October

Topic: *Calcareous Fens of Northwestern Minnesota*
Speaker: Scott Milburn
Credits: 2.0 Direct

November

Topic: *Minnesota Wildflowers and Plants as Wetland Indicators*
Speakers: Peter Dziuk, Katy Chayka and Steve Eggers
Credits: 2.0 Direct

2014 Forums

February

Topic: *Frog/Toad Call-Northern Restoration*
Credits: 0.5 Indirect

March

Topic: *North Ottawa/Red Path Flood Impoundment Projects*
Credits: 1.0 Direct

April

Topic: *MN Climate, Growing Season, Early Green Up Indicators*
Credits: 0.5 Direct

May

Topic: *USACE Regulatory Updates*
Credits: 0.5 Indirect

August Field Trip

Topic: *Crex Meadows*
Credits: 8.0 Direct

November

Topic: *Why Wetlands Are Wet*
Credits: 1.5 Direct