



## 2023 Wisconsin & Minnesota Joint Cooperative Soil Survey Workshop

**Wednesday August 9<sup>th</sup> – UW-River Falls-Agricultural Science Building Room 200**

**9:30 – 10:00 am Registration in Agricultural Science Building Atrium**

**10:00-10:30 am Welcoming Remarks**

USDA-Natural Resources Conservation Service - State Conservationists  
University of Wisconsin River Falls - Plant & Earth Science Department Chair  
University of Minnesota – Soil, Water, & Climate – Department Chair

**10:30-11:30 am The Future of Soil Survey: A Dynamic Vision**

**Dynamic Soil Survey** - Jo Parsley – NRCS Soil & Plant Science Division, Temple TX

**Dynamic Soil Properties** - Shaunna Repking - NRCS Soil & Plant Science Division, Onalaska WI

**Dynamic Soils Hub** - Jason Nemecek - NRCS Soil & Plant Science Division, Fort Collins CO

**11:30-12:30pm Lunch Break (lunch not provided)**

**12:30-1:30pm Cooperator Updates (Universities, Agencies, Organizations)**

**1:30-2:50pm Soil Health & Dynamic Systems**

**A Data-Driven Topsoil Classification Framework to Support Soil Health Assessment in Minnesota-**  
Anna Cates PhD - University of Minnesota-Twin Cities, MN Office of Soil Health

**Trends in Soil Properties Across the Minneapolis-St. Paul Metropolitan Area** – Nic Jelinski PhD &  
Nora Pearson – University of Minnesota-Twin Cities, Department of Soil, Water & Climate

**Dynamic Soil Properties in Great Lakes National Forests** – Dave Morley – FS, Superior NF

**Monitoring Soil Properties in the Transition from Conventional to Regenerative Practices** – John  
Beck PhD – Regenerative Agricultural Alliance – Science Team

**2:50 – 3:00pm UW-River Falls Food Science Production Facility– Falcon Foods**

**3:00 – 3:45pm Break, Poster Session & Refreshments**

**3:45-4:45pm Associated Resource Inventory & Analysis**

**Soils Data in Social Science Research** – Samuel Porter – NRCS-Minnesota Ecological Sciences

**Airborne Electromagnetic Survey** – David Hart PhD - Wisconsin Geological and Natural History  
Survey & Matthew Komiskey – USGS Upper Midwest Water Science Center

**Future of Ecological Sites** – Chris Tecklenburg - NRCS Soil & Plant Science Division, Salina KS

**4:45-5:00pm Open Discussion**





## 2023 Wisconsin & Minnesota Joint Cooperative Soil Survey Workshop

Thursday August 10<sup>th</sup> - UW River Falls-Mann Valley Farm

8:00-8:20 am	<b>Registration - Dairy Learning Center Lobby</b> Minnesota Association of Professional Soil Scientists (MAPSS) Wisconsin Society of Professional Soil Scientists (WSPSS)
8:20-8:30 am	<b>Welcome &amp; Acknowledgements - Dairy Learning Center Classroom</b> Jennifer Smith NRCS-Wisconsin Soils Holly Dolliver PhD - University of Wisconsin-River Falls - Plant & Earth Science
8:30-9:15 am	<b>Bedrock &amp; Quaternary Geology of Western Wisconsin</b> Angela Radke, MN Geological Survey
9:15-9:30 am	<b>Break</b>
9:30-11:50 pm	<b>Morning Field Station Rotation</b>
11:50 am-1:00 pm	<b>Lunch at the Dairy Learning Center</b> - Provided for by MAPSS & WSPSS <i>only available if lunch was confirmed as 'Yes' in RSVP</i>
1:00-3:20 pm	<b>Afternoon Field Station Rotation</b>
3:20-3:30 pm	<b>Closing Remarks</b> Joe Brennan NRCS-Minnesota Soils/Nic Jelinski PhD - University of Minnesota
3:30-4:30 pm	<b>Professional Society Business Meetings - Dairy Learning Center Classroom</b> Minnesota Association of Professional Soil Scientist (room 100) Wisconsin Society of Professional Soil Scientists (room 101)

**Field Station Descriptions** Station visits will be approximately 40 minutes, with 10 minutes for rotation between stations. At registration participants will be assigned to one of six groups with assigned rotation schedule.

Field Station	Discussion Leaders
<b>Station #1 - Santiago/Derinda Soil Pit</b>	Betsy Schug NRCS Soil & Plant Science Division, Saint Paul, MN & Mark Wespetal MN Pollution Control Agency (retired)
<b>Station #2 - NRCS Geologic Tools/Data</b>	Scott Borchardt NRCS-Wisconsin Engineering & Tim Weisbrod NRCS-Minnesota Engineering
<b>Station #3 – Soil-Atmosphere Interactions</b>	Susanne Wiesner PhD - University of Wisconsin-River Falls - Plant & Earth Science
<b>Station #4 - Pillott/Nickin Soil Pit</b>	Jamie Kraklow & Tim Miland, NRCS-Wisconsin Northwest Field Operations
<b>Station #5 – Compost &amp; Biochar</b>	Patrick Woolcock PhD, Natasha Rayne PhD & Kelly Wilhelm PhD - University of Wisconsin-River Falls - Plant & Earth Science
<b>Station #6 – Rotational Grazing and Soil Health</b>	Yoana Newman PhD - University of Wisconsin-River Falls - Plant & Earth Science & Tammy Lindsay, NRCS-Wisconsin Northwest Field Operations

