

2023 Wisconsin & Minnesota Joint Cooperative Soil Survey Workshop Wednesday August 9th – 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**

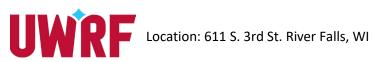
3:45-4:45pm **Associated Resource Inventory & Analysis**

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 10th - UW River Falls-Mann Valley Farm

8:00-8:20 am **Registration - Dairy Learning Center Lobby**

> Minnesota Association of Professional Soil Scientists (MAPSS) Wisconsin Society of Professional Soil Scientists (WSPSS)

8:20-8:30 am Welcome & Acknowledgements - Dairy Learning Center Classroom

Jennifer Smith NRCS-Wisconsin Soils

Holly Dolliver PhD - University of Wisconsin-River Falls - Plant & Earth Science

8:30-9:15 am **Bedrock & Quaternary Geology of Western Wisconsin**

Angela Radke, MN Geological Survey

9:15-9:30 am **Break**

9:30-11:50 pm **Morning Field Station Rotation**

11:50 am-1:00 pm Lunch at the Dairy Learning Center - Provided for by MAPSS & WSPSS

only available if lunch was confirmed as 'Yes' in RSVP

Afternoon Field Station Rotation 1:00-3:20 pm

3:20-3:30 pm **Closing Remarks**

Joe Brennan NRCS-Minnesota Soils/Nic Jelinski PhD - University of Minnesota

3:30-4:30 pm **Professional Society Business Meetings - Dairy Learning Center Classroom**

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

