

Minnesota Association of Professional Soil Scientists
Winter Technical Meeting, December 4, 2020; Zoom Virtual Conference
The Minnesota Cooperative Soil Survey: Past, Present, and Future



Content and Biographies:

Title: **Minnesota Cooperative Soil Survey, Historical Perspective**

Abstract: This presentation is an overview of the progressive soil survey effort in Minnesota from 1958 to present. It will provide a discussion on the effort and cooperation involved with creating a soil inventory and some of the changes in correlation of soils and delivery of survey information.

Greg Larson, Retired PSS
Retired: MN Board of Soil and Water Resources
B.S. University of Wisconsin, Stevens Point - Soils
M.S. University of Minnesota - Soils

Peter Weikle
Soil Data Quality Specialist; USDA Natural Resources Conservation Service, St. Paul, MN
B.S. University of Minnesota - Soils

Title: **Current Activities and Soil Survey Updates in Minnesota**

Abstract: This presentation will be a discussion of the ongoing efforts to update the soil survey inventory in Minnesota. Highlights will be improvements in soil testing, proposed changes in taxonomy, and digital soil mapping efforts.

Dan Wing
Senior Soil Scientist; USDA Natural Resources Conservation Service, St. Paul, MN
B.S. University of Minnesota - Soils

Joe Brennan
Soil Data Quality Specialist; USDA Natural Resources Conservation Service, St. Paul, MN
B.S. University of Wisconsin, Stevens Point - Soils

Nic Jelinski
Soil Science Professor and Researcher, University of Minnesota
B.S. 2004 University of Wisconsin, Madison - Biology
M.S. 2007 University of Wisconsin, Madison - Soils
Ph.D. 2014 University of Minnesota Land and Atmospheric Science - Soils

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Content and Biographies:

Title: Future Workload and Directions of Soil Survey

Abstract: This presentation will provide insights into the long-range plan for updating soil survey. It will introduce an increasingly sophisticated application of linking raster soil survey information with dynamic soil survey properties, ecological site preferences, and climate data to assist users in understanding land use management intricacies.

Dave Lindbo

Director of Soil & Plant Science Division, Natural Resources Conservation Service
Doctor of Philosophy (PhD), University of Massachusetts, 1990, Soil Genesis/Morphology
Master of Science (MS), University of Massachusetts, 1990, Geology
Master of Science (MS), University of New Hampshire, 1984, Soil Science
Bachelor of Science (BS), University of New Hampshire, 1982, Environmental Conservation

Kevin Norwood

Soil Survey Regional Director, Natural Resources Conservation Service
B.S. Alabama A & M – Soil Science

Title: Working with Soil Survey Users and Interpreting Soils Information

Abstract: This presentation provides information about soil survey users' needs and the delivery of survey information. And it will introduce the application of soil properties and criteria for the generation of soil interpretations.

Peter Weikle

Soil Data Quality Specialist; USDA Natural Resources Conservation Service, St. Paul, MN
B.S. University of Minnesota - Soils

Title: Using the Soil Survey

Abstract: Professional Soil Scientists from local consulting firms will discuss the application (and misapplication) of soil survey information in the consulting and regulatory fields.

Luke Lunde, PSS

Professional Soil Scientist, WSB Consulting; PSS MN, PSC ND, CPSS SSSA
B.S. North Dakota State University – Soil Science

Matt Summers, PSS

Professional Soil Scientist, Wenck Consulting; PSS MN
B.S. University of Minnesota Twin Cities – Environmental Science, Policy, and Management

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Content and Biographies:

Title: **Ethics**

John Kolb

Partner, Rinke Noonan

BS: St. John's University

JD: University of Minnesota

Mr. Kolb has 25 years of natural resource law experience and is a partner at Rinke Noonan, a St. Cloud-based law firm. He specializes in Agricultural, Environmental, Water, Land Use, and Municipal law.