



2023 NCSS Conference — Draft Agenda

Saturday, July 8, 2023

1 to 7 p.m.	Registration Check-in: Hampton Inn and Suites NW Hotel DINNER (on your own)
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Sunday, July 9, 2023

6:45 to 7 a.m.	Load Buses at Bismarck State College, National Energy Center for Excellence (NECE) Building, North Parking Lot
7 a.m. to 6 p.m.	FIELD TOUR (lunch included) Western Tour: Belfield and Medora, North Dakota Explore and enjoy the history, geology, and soils of Western North Dakota, including a stop to view and discuss sodium-affected soil pits near Belfield. The tour will continue west to Medora and the heart of the North Dakota Badlands and Theodore Roosevelt National Park. Truly a Legendary Tour!
12 to 6:30 p.m.	Registration Check-in: Hampton Inn and Suites NW Hotel DINNER (on your own)

Monday, July 10, 2023

7 to 8 a.m.	Registration Check-in: 4th Floor – NECE, Bismarck State College (coffee & continental breakfast)
8 to 8:10 a.m.	Welcome Remarks from Bismarck State College President
8:10 to 8:20 a.m.	Welcome Remarks from NRCS North Dakota State Conservationist
8:20 to 8:40 a.m.	Welcome Remarks from North Dakota State University (NDSU)
8:40 to 9 a.m.	Remarks from the Soil Science Society of America
9 to 9:30 a.m.	Remarks from USDA, NRCS Soil Survey Resources Assessment Leadership
9:30 to 10 a.m.	BREAK

Monday, July 10, 2023 — continued

10 to 10:15 a.m.	Remarks from Soil and Plant Science Division (SPSD) Leadership
10:15 to 11 a.m.	Indigenous Agriculture
11 to 11:15 a.m.	Agricultural Research Service (ARS) – History of USDA Missouri Basin Soil Survey Lab – Mandan, North Dakota
11:15 a.m. to 12 p.m.	Committee Meetings (4 concurrent) <ul style="list-style-type: none"> • Bylaws • Interpretations • Taxonomy • Technology
12 to 1 p.m.	LUNCH (provided)
1 to 1:45 p.m.	Committee Meetings (4 concurrent) <ul style="list-style-type: none"> • Hydric/SAS • Research • Soil and Ecosystem Dynamics • Standards
1:45 to 2 p.m.	BREAK
2 to 2:45 p.m.	Committee Meetings (4 concurrent) <ul style="list-style-type: none"> • Bylaws • Interpretations • Taxonomy • Technology
2:45 to 3 p.m.	BREAK
3 to 3:45 p.m.	Committee Meetings (4 concurrent) <ul style="list-style-type: none"> • Hydric/SAS • Research • Soil and Ecosystem Dynamics • Standards
3:45 to 4 p.m.	BREAK
4 to 5 p.m.	Cooperators and Partners Meeting & State Soil Scientist Meeting
5 p.m.	DINNER (on your own)

Tuesday, July 11, 2023

7 to 8 a.m.	Registration Check-in: 4th Floor – NECE, Bismarck State College (coffee & continental breakfast)
8 to 8:30 a.m.	NDSU – Agriculture History and Use of Machine Labor

Tuesday, July 11, 2023 — continued

8:30 to 8:50 a.m.	Woodwell Climate Research Center – Measuring Soil Carbon
8:50 to 9:10 a.m.	USDA, Northern Plains Climate Hub
9:10 to 9:30 a.m.	Agricultural Research Service – Climate and Soils
9:30 to 10 a.m.	BREAK
10 to 10:20 a.m.	National Integrated Drought Information System (NIDIS) – Soil Moisture Monitoring Network
10:20 to 10:40 a.m.	SPSD – Dynamic Soil Properties for Soil Health
10:40 to 11 a.m.	University of Minnesota – Ecological Impacts of Urban Contaminants
11 to 11:20 a.m.	University of Manitoba – Biophysical Process with Landscapes
11:20 to 11:40 a.m.	NDSU – Species Trends and Impacts on Native Ecological Sites
11:40 a.m. to 12 p.m.	Agricultural Research Service – Climate Change and Land Use Ecosystem Function
12 to 1 p.m.	LUNCH (provided) with North Dakota Geology presentation
1 to 2:40 p.m.	Oral Poster Presentations Themes 1, 2, 3 (TBD)
2:40 to 3 p.m.	BREAK – Transfer to the North Dakota Gateway to Science building
3 to 5 p.m.	Poster Stump Talks & Gallery Viewing at ND Gateway to Science
5 to 7 p.m.	Poster Social & Gallery Viewing at ND Gateway to Science (Heavy hors d'oeuvres and cash bar)
7 p.m.	DINNER (on your own)

Wednesday, July 12, 2023

6:45 to 7 a.m.	Load Buses at the National Energy Center of Excellence (NECE) Building, North Parking Lot
7 a.m. to 9 p.m.	<p>FIELD TOUR (lunch & dinner included)</p> <p>Northern Tour: Underwood, Mandan, and Sterling, ND Region</p> <ul style="list-style-type: none"> • Discuss mine land reclamation; view restored wetlands; examine soil pits from reclaimed coal-mined lands compared to native soils and landscapes. • Observe the Garrison Dam and Lake Sakakawea, learn the history of its development, energy contributions, and flood control use of the 3rd largest reservoir in the United States. • Tour the USDA, Agricultural Research Service Northern Great Plains Research Laboratory in Mandan, and learn the history, research, and collaborations of the 111-year-old station.

Wednesday, July 12, 2023 — continued

5:30 to 9 p.m.	<p>NCSS Awards Banquet hosted by the Black Leg Ranch</p> <p>The Black Leg Ranch, owned and operated by the Doan Family since 1882, is strongly involved in conservation and regenerative agriculture and has won numerous state and national Environmental Stewardship Awards, including the Inaugural North Dakota Leopold Conservation Award.</p>
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Thursday, July 13, 2023

7 to 8 a.m.	Registration Check-in: 4th Floor – NECE, Bismarck State College (coffee & continental breakfast)
8 to 8:30 a.m.	Soils and Regenerative Agriculture
8:30 to 8:45 a.m.	Agricultural Research Service
8:45 to 9 a.m.	Bureau of Land Management
9 to 9:15 a.m.	U.S. Forest Service
9:15 to 9:30 a.m.	National Park Service
9:30 to 9:45 a.m.	US Geological Survey – Integrated Landscape Modeling Partnership (ILM)
9:45 to 10 a.m.	BREAK
10 a.m. to 12 p.m.	Committee Reports
12 to 1 p.m.	LUNCH (provided)
1 to 2 p.m.	Recruitment and Retention Speaker Panel
2 to 2:30 p.m.	NCSS Business Meeting – NCSS Next Host
2:30 p.m.	Closing Remarks

Friday, July 14, 2023

8 a.m.	Travel to Menoken, North Dakota
8:30 to 11 a.m.	<p>Burleigh County Soil Conservation District – Menoken Soil Health Farm Tour:</p> <ul style="list-style-type: none"> • Soil health cropping systems • Cover crops • Composting system • High tunnel • Vermiculture • No-till garden