

Minnesota Association of Professional Soil Scientists (MAPSS) - 2008 Summer Tour & Business Meeting

Sediment, Soils & Glacial Landscapes in the Valley of the Green Giant

**Friday, July 18, 2008
8:00 am – 5:00 pm**

Ney Nature Center in Henderson, Minnesota

This tour takes us down to southern Minnesota to explore the Minnesota River Valley. Barb McCarthy will update us on the new MPCA SSTS rules and discuss the opportunities available to professional soil scientists in the subsurface sewage treatment business. We can't visit the Minnesota River valley without a glacial geology side trip! We'll travel a very short distance (~1 mile) to a very cool, large cut into the bluff side. Carrie Jennings will provide insight on the various glacial events exposed at this site. While surrounded by steep bluffs, Satish Gupta will inform us of the physics of slope failures in landscapes found in the Minnesota River valley. Slope failure means soil movement, right? Shawn Schottler will present new research on how much soil is moving and where it is going in the Minnesota River valley. Kim Bovee will discuss the subtle nature of 'seeing' landscapes...and recording what you see. We'll be comparing those observations with soil profiles.

Continuing Education Credits: 6.0

Topics & Speakers

SSTS Rule Changes: What Does this Mean for Soil Scientists?

Barb McCarthy, PSS
Minnesota Pollution Control Agency

Geology of the Minnesota River Valley

Dr. Carrie Jennings
Minnesota Geological Survey

Instability of Steep Slopes in the Minnesota River Valley

Dr. Satish Gupta
University of Minnesota CFANS

Fingerprinting Riverine Suspended Sediments

Shawn Schottler
St. Croix Watershed Research Station, Dept of the Science Museum of Minnesota

Field Observation – Glacial Till Stratigraphy

Field Exercises – Sharpening Your Powers of Landscapes and Soils Observation!

MAPSS Business Meeting

A MAPSS business meeting will be held during the conference. All MAPSS members are expected to attend this session.

Don't forget to dress for the weather.

Registration Form – complete and mail this form

Please register by **July 4, 2008** to avoid a late registration fee and to help us plan for space and food at the event. Thank you!

Name _____
Address _____

City _____
State _____
Zip code _____
Telephone or e-mail _____

MAPSS Members	\$40.00	_____
Non-MAPSS Members	\$55.00	_____
Student Members	\$20.00	_____

Late Registration (after July 4, 2008)

MAPSS Members	\$50.00	_____
Non-MAPSS Members	\$65.00	_____

Optional CEU Fee \$10.00 _____

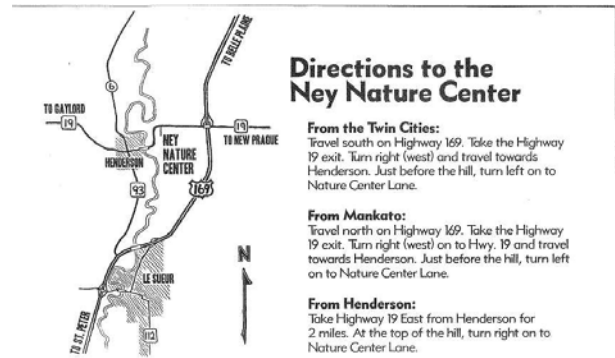
See explanation of this optional fee on the following page

Total Amount Enclosed _____

Make checks payable to MAPSS and send it, along with this portion of the registration form, to:

MAPSS 2008 Summer Tour
Mr. Jim Balogh c/o Spectrum Research
4915 East Superior Street, Suite 100
Duluth, MN 55804-2507





The Ney Nature Center is located south of Highway 19 between Henderson, Minnesota and Highway 169.

Carpool

The Ney Nature Center is located south of Highway 19 near Henderson, Minnesota.

Tired of paying for gas? Do you want to save the world? Or are you just tired and want to sleep during the journey to Henderson? Why not carpool! Contact Suzanne, the unofficial carpool organizer, at either 612-741-1365 or communication@mnsoilscientist.org.

Accommodations

Camping is available at:

- Henderson's Allansons City Park
<http://www.hendersonmn.com/city/parks.php>
- Sibley County Rush River Park, southwest of Henderson.
- High Island County Park, north of Henderson.

There is also a bed and breakfast in Henderson and motels in nearby Le Sueur and St. Peter.

Optional CEU Fee

CEU are obtained without paying the \$10 CEU fee. However, your attendance at the conference will be certified by MAPSS only by paying this fee. MAPSS will certify and maintain a record of your attendance, which will be provided to licensing boards upon your request. All other attendees must maintain their own records. **MAPSS will not certify your attendance without paying this fee.**

