

March Webinar
Presented by the
National Soil Survey Center

***Soil Systems – A Bridge between Soils and the
Rest of the World***

Presenters:



Phil Schoeneberger, PhD
Research Soil Scientist,
NRCS, National Soil Survey
Center, Lincoln, NE

Thursday, March 6th, 2014, 1:00 – 2:00 PM Central Time

The Soil Systems framework is a powerful, flexible approach for organizing, applying, and communicating soils information. This webinar is ideal for all Soil Scientists involved in the National Cooperative Soil Survey, as well as a broader audience of soil information users. ***Please invite staff and partners whom you think might have an interest in this subject. Please include your NCSS cooperators, graduate students.***

Soil Systems are distinct, recurring groups of soils or catenas produced by the interaction of stratigraphy, hydrology, geomorphology, vegetation, and climate and which dominate a given physiographic area. This approach connects related soils and extends catenas to areas / watersheds, and can become a bridge between point and area data in 4 dimensions.

The Soil Systems approach is **Flexible**: applicable to diverse priorities (Soil Geography, Ecological Sites, Dynamic Soil Properties, etc.); **Robust**: Evidence driven / quantitative (scientifically credible) and applicable at different scales; **Relevant**: provides validated answers to explicit needs, applications. The goal is to shift from prevailing static (disconnected pedon / point data) soils information to dynamic (laterally connected) soil processes (e.g. catenas). This answers questions of what these systems are, and how they function, and be used to predict/project soil processes and dynamics in both space and time.



Doug Wysocki, PhD
Research Soil Scientist,
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On Thursday, 03/6/2014, Click Here: [Join the meeting.](#)

Telephone conferencing

Toll-free: 1 (888) 431-3632

Participant code: 2910039

NSSC staff in Lincoln may join the webinar in Room 397B. This LiveMeeting will be recorded and made available online by selecting 'Webinars – presentations and training sessions' at <http://soils.usda.gov/education/resources/videos.html>