

New Technology Committee Recommendations:

The new technology committee strongly suggests that NCGC or NGDC maintain a comprehensive list of projects using new technology with a contact available on the web. The listing would be divided by areas of interest such as soil water, soil chemistry and spatial projects. The website would automatically provide for those who sign up, a quarterly email reminding users of available listings.

This website would be available to all field soil scientists and NCSS cooperators.

The listing would have the type of project, new technology in use, contact person and phone number.

Example: Water table study: Measuring seasonal water tables electronically, Global water level logger, Chad Remley, Kansas 785-823-4564

The new technology committee recommends that NCGC or NDGC develop a training module to help soil scientists understand data standards. This module would explain the standards and requirements associated with each data layer used in soil survey analysis. This training would include proper metadata document development.

This module could be provided through net meeting teleconferences.

The new technology committee recommends that NCGC (Ed Griffin, contact) pursue with the state soil scientists, the idea of scheduled teleconferences for field personnel on specific new technology using net meeting.

These teleconferences would be voluntary call in by the field staff and training would be presented on specific types of equipment. Teleconferences would run from 1 to 2 hours depending on questions and discussion.

An example session would be programming a datalogger or use of the EM-38.

The new technology committee recommends the establishment of an NCSS digital soil mapping framework subcommittee to review existing mapping standards and develop guidelines for the consistent scientific application of digital soil mapping in the NCSS.