

New Technology Committee

New Technology Charges

1. *What are the issues for field soil scientists with current digital mapping methods and processes?*
 - List of mentors or instructors who are available to take questions or conduct net meeting training
 - Powerpoint/Job aids/cookbooks that assists users through process steps
 - Users need to take training at appropriate time and must have time after taking course to use the lessons learned in the course. Individuals must be responsible in taking adequate notes in their own words to assist in retention.

New Technology Charges

1. *What are the issues for field soil scientists with current digital mapping methods and processes?*

Nationally we need to have seamless and consistent standards and specs. that is usable by all sectors of the agency.

Ex.:DEM's, Lidar, Ortho,etc.

New Technology

- 2. Address training needs to support use of digital soil mapping techniques*
- 3. Develop a list of GIS skills for current and new soil scientists and provide a means for obtaining these skills.*
- 4. What NRCS delivery system has the greatest chance of success of sharing GIS tricks or instructions among NCSS cooperators*

New Technology Recommendations

- ◆ Guidelines for reviewing digital soil survey should be conducted at $\frac{1}{2}$ scale of the published soil survey.
Ex.: 1:24000 should be reviewed at 1:12000
- ◆ Guidelines for editing digital soil survey should be completed at no more than $\frac{1}{2}$ scale Ex.: 1:12000 edits would be conducted at 1:6000

New Technology Recommendations

- ✦ Establishment of a GIS hotline similar to the NASIS hotline.

These would be dedicated positions not collateral duty.



New Technology Recommendations

- ✦ Recommend that the MLRA Soil Survey Office project plans identify the soils survey team's attribute and spatial skills and training needs for the proposed project.



New Technology Recommendations

- ◆ NCSS establish a easily accessible cooperator web site.
- ◆ Posted items to include:
 - ◆ Annual business plans, GIS job aids
 - ◆ Current research in GIS
 - ◆ Project plans for each of the 146 MLRA Soil Survey offices
 - ◆ Ongoing digital soil mapping projects