TRAINING FOR NCSS SOIL SCIENTISTS
Marc Crouch, Training Coordinator, National Soil Survey Center, NRCS, USDA, Lincoln, NE

Other NRCS Courses (concurrently)
- Intro to NRCS - Part 1
- Intro to NRCS - Part 2
- AG 101
- Orientation for New Employees
- Conservation Planning - Part 1
- Conservation Planning - Part 2
- Managing for Excellence
- Supervising for Excellence
- Leading for Excellence
- Cultural Resources
- Other, as needed

MLRA Project Office Staffs
- Correlation & Management of MLRA Soil Surveys
- Remote Sensing for Soil Survey Applications
- Digital Soil Mapping
- Correlation Decision Support with Spatial Analyst
- Soil Technology - Measurement & Data Evaluation
- Soil Geomorphology Institute
- NASIS - Basic Query & Report Writing, Site/Pedon, Interpretations, Advanced Report Writing
- GIS electives & specializations, as needed

State Office & TSS Office Staffs
- Soil Technology - Programs & Applications
- Advanced Hydric Soils for Soil Scientists
- Soil Technology - Applications of SDV with ArcGIS in Technical Soil Services
- Soil Data Mart Access
- Custom Interpretations
- Soil Technology - Measurement & Data Evaluation
- Soil Geomorphology Institute
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GIS Support Staffs
- Remote Sensing for Soil Survey Applications
- Digital Soil Mapping
- Raster Geodatabase Management
- ArcSDE Personal and Workgroup File Geodatabases
- ArcSDE Enterprise
- Model Builder
- SQL Query
- Specializations, as needed

Soil Data Viewer

Web Soil Survey, Soil Data Mart

Pedon PC, GPS

Basic Image Interpretation

On-the-Job Training

Understanding Map Projections and Coordinate Systems

Mobile Computing

Intro to ArcGIS

Soil Geomorphology Institute

Understanding and Developing Metadata

Soil Correlation

NASIS - Intermediate

Digital Soil Survey Data Management & Editing

Personal Geodatabase Management

Soil Resource Inventory Toolbox (SRITB)

Advanced Geoprocessing

Intro to Digital Remote Sensing

Working with ArcGIS Spatial Analyst

GIS Training Pathways

Applications
- Web Soil Survey
- Soil Data Mart
- Soil Data Viewer

Geospatial Fundamentals
- Understanding Map Projections & Coordinate Systems
- Introduction to ArcGIS
- Digital Soil Survey Data Management & Editing
- Remote Sensing

GIS electives & specializations, as needed

Professional Development
- Other, as needed

NASIS - Basic
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Education: Undergraduate and Graduate
- Return to University setting
- Distance learning options

Refresher Training
- ESRI “What’s New”
- Archived and available up-to-date training modules
- Soil Science Institute (hosted by Universities)

University
30/15 semester hours

Pedon PC, GPS

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On-the-Job Training

Understanding Map Projections and Coordinate Systems

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Intro to ArcGIS

Soil Geomorphology Institute

Understanding and Developing Metadata

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NASIS - Intermediate

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