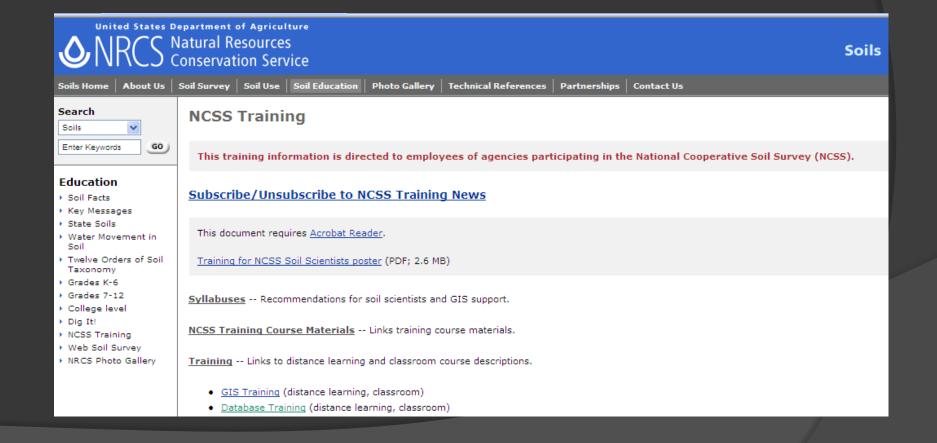
Training Current Events



TNI and IDPs and the NCSS Training web pages @ soils.usda





Training News subscriptions



SGI this year at UC-Davis, tentatively followed by SSI @ Kansas State in FY11



Soil Tech – Measurement & Data Evaluation



Technical Soil Services



Advanced Hydric Soils for Soil Scientists on the road



FSA Wetland ID Procedures New!

- in 2009 (Circular 4; December 2009), the Chief made a decision that NRCS would utilize the Corps Methods (1987 Manual and Supplements) when appropriate (within our statutory and regulatory authority) for the identification of FSA wetlands.
- Training under development will have 2 parts
 - 1. Self-paced with regional supplements of field indicators to be piloted soon (April availability?)
 - Classroom and field face to face with pilot course sessions for up to 45 participants in each
 - Stevensville, MD (May 24 28) Champaign, IL
 (June 21 25) Davis, CA (July 19 23)



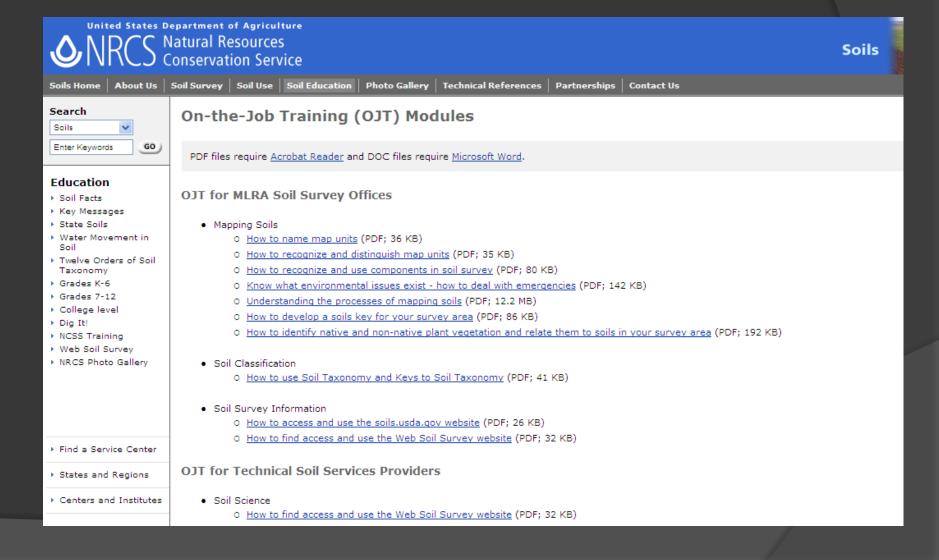
Remote Sensing New!

- 1 Basic Image Interpretation
 - Self-paced via internet
- 2 Introduction to Digital Remote Sensing
 - Classroom or bridge via CD (if not via internet)
- 3 Remote Sensing for Soil Survey Applications
 - Classroom in Fort Worth

Using Comparison Studies to Inventory Soil Change New!

- Under develop by interdisciplinary team
- Pilot tentatively scheduled for
- The course Soil Quality Assessment and Applications for Field Staff is a prerequisite
 - Get training in use of tools and procedures for Dynamic Soil Properties in that course
 - Comparison studies course will focus on designing and completing the studies

Effort to develop OJT modules continues (slowly!)





OJT for MLRA SSOs

OJT for MLRA Soil Survey Offices

- Mapping Soils
 - How to name map units (PDF; 36 KB)
 - How to recognize and distinguish map units (PDF; 35 KB)
 - How to recognize and use components in soil survey (PDF; 80 KB)
 - O Know what environmental issues exist how to deal with emergencies (PDF; 142 KB)
 - O Understanding the processes of mapping soils (PDF; 12.2 MB)
 - How to develop a soils key for your survey area (PDF; 86 KB)
 - O How to identify native and non-native plant vegetation and relate them to soils in your surve
- Soil Classification
 - O How to use Soil Taxonomy and Keys to Soil Taxonomy (PDF; 41 KB)
- Soil Survey Information
 - How to access and use the soils.usda.qov website (PDF; 26 KB)
 - O How to find access and use the Web Soil Survey website (PDF; 32 KB)



OJT for new non soil scientists

OJT for Technical Soil Services Providers

- Soil Science
 - How to find access and use the Web Soil Survey website (PDF; 32 KB)
 - O What are hydric soils? (PDF; 100 KB)
 - Understanding soil erosion (PDF; 67 KB)
 - O Soil salinity -- the what, where, and how of salinity development (PDF; 47 KB)
 - Soil salinity -- identification and measurement (PDF; 32 KB)
 - O Soil salinity -- effects and management (PDF; 31 KB)
 - O Importance of OM and SOC to soil quality (PDF; 62 KB)
- · Soil Survey
 - O <u>Understanding map units</u>, delineations, and the components within your survey area (PDF; 643 KB)
- · Describing Soils
 - How to determine soil texture in the USDA Soil Classification System (PDF;



Mapping Skills, landscape modeling, map unit design new!

- First stage: on the ground, understanding landscapes, segmenting the landscape, methods for mapping, etc.
- Second stage: incorporate current techniques utilizing the computer and the eworld
- Third stage: immersion in the processes to gain some level of experience



Digital Soil Mapping drawing board!

Other items on the horizon from the SSD Training LRP

- Ecological sites, ESDs, state & transition models
- Encouraging all our MLRSA SSO staff to get training in terrain analysis through Spatial Analyst (NCGC offering) or other means
- Develop training related to landscape modeling
- Development of an informal network for mentoring related to particular skill sets

Your Feedback

• Any comments regarding training?

• What are our gaps in training from your perspective?