

OJT Training Module Cover Sheet

Title: 1101 Understand the NCSS standards used in soil survey and the kind of information in each.

Type: Skill Knowledge

Performance Objective: Trainee will be able to ...

- Identify the 3 primary NCSS standards.
- Summarize the types of information found in each of the 3 standards.
- Recognize other references that contain standards for soil survey.

Target Proficiency:

- Awareness Understanding Perform w/ Supervision
 Apply Independently Proficiency, can teach others

Trainer Preparation:

- Trainer should be familiar with the assigned reading/review material in the lesson plan that follows.
- Trainer should review the three principal documents guiding the NCSS to refresh his or her knowledge about the types of information in each.
- Trainer should review other references that contain standards.

Special Requirements:

Initiate an external learning request with a SF-182 in Aglearn for this activity. Instructions and a template are located on the training webpages for OJT modules.

Prerequisite Modules:

None

Notes:

Additional skill development is available in the following OJT module:

- 506 Understand where to find and how to use NCSS standards and other guidance documents.

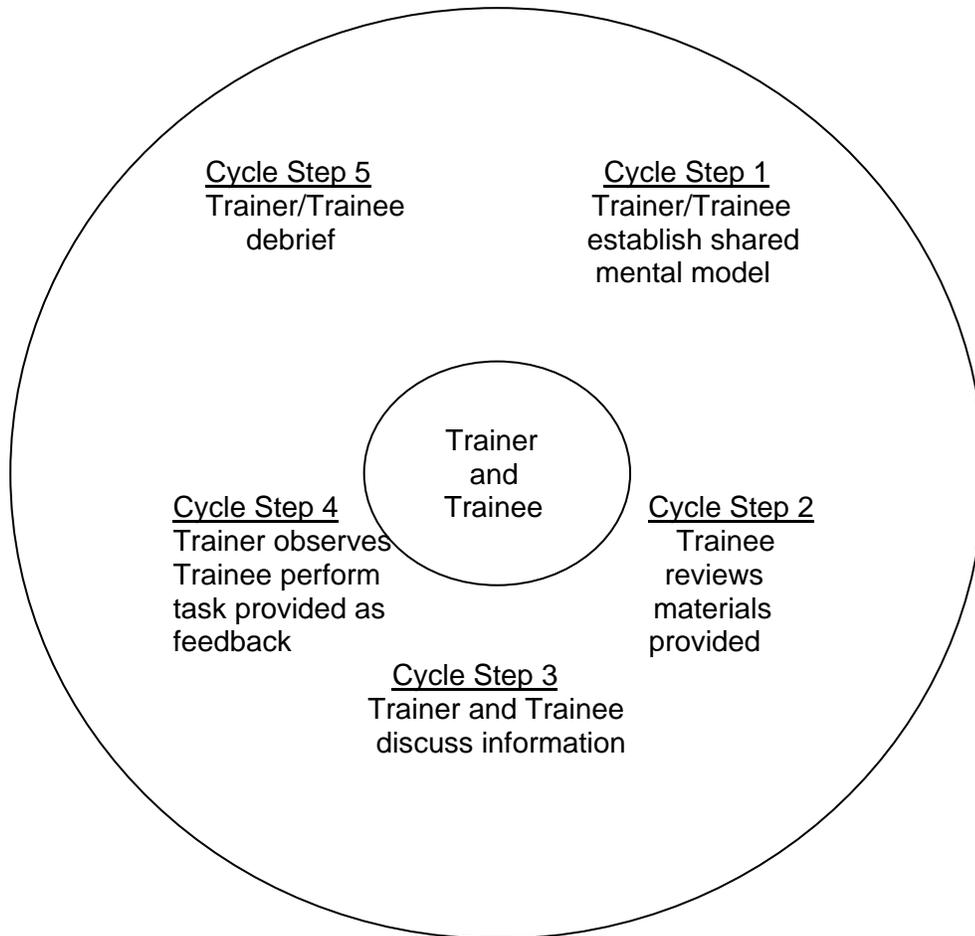
Authors:

Shawn McVey

Approved by:

Marc Crouch

The Five-Step OJT Cycle for Declarative Training (Knowledge)



OJT Module Lesson

Title: 1101 Understand the NCSS standards used in soil survey and the kind of information in each.	
WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Cycle step 1	Trainer and trainee review objectives of module and agree that this module is simply an overview of the standards.
Cycle step 2	Trainer and trainee access via the internet each of the following and read/review: <ul style="list-style-type: none"> • National Soil Survey Handbook 600: <ul style="list-style-type: none"> ◦ Principal References and Their Maintenance • Soil Survey Manual, Introduction • Soil Taxonomy and Keys to Soil Taxonomy (latest editions), Forewords of each
Cycle step 3	<p>Trainer discusses the principal documents with trainee, emphasizing the following items:</p> <p>The NSSH provides information primarily for NRCS staff concerning guidance, definitions, policy, responsibilities, and current operational procedures. NRCS is the lead agency in the NCSS program.</p> <p>The SSM indicates the major principals and concepts involved in making and using soil surveys and in describing soils.</p> <p>The classification of soils is shown in <i>Soil Taxonomy (ST)</i> and the current <i>Keys to Soil Taxonomy (Keys)</i>. Extensive knowledge about soil types is contained in <i>ST</i>, while the <i>Keys</i> includes portions of <i>ST</i> that are needed to classify soils in the field.</p> <p>NCSS standards are common or shared procedures that enhance technology transfer, data sharing, and communications among soil survey participants. Not all technical documents or references are NCSS standards, but they may contain standards. A few examples that the trainer could review with the trainee are:</p> <ul style="list-style-type: none"> • Agricultural Handbook 296, Land Resource Regions and Major Land Resource Areas of the United States, the Caribbean, and the Pacific Basin • Field Book for Describing and Sampling Soils

	<ul style="list-style-type: none">• Soil Survey Investigations Report 42, Soil Survey Laboratory Methods Manual• Soil Survey Investigations Report 45, Soil Survey Laboratory Information Manual• Soil Survey Investigations Report 51, Soil Survey Field and Laboratory Methods Manual• Others as listed in NSSH 600, List of Technical References (Exhibit)
Cycle step 4 & 5	Trainee completes assigned measurement of learning. Trainer debriefs trainee and answers any remaining questions.

OJT Module Lesson Measurement of Learning

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WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Trainee's learning is measured.	Have the trainee complete the attached quiz below to reinforce the concepts in this module.

SF-182

Trainee and/or supervisor access Aglearn to verify completion of the module via its SF-182.

Quiz

1. True or False? The *Field Book for Describing and Sampling Soils* is one of the 3 principal reference publications containing NCSS standards.
2. True or False? The *Field Indicators of Hydric Soils of the United States* contains standards but is not one of the three principal reference publications of the NCSS described in part 600 of the NSSH.
3. An individual wanting to learn the scientific methods that form the basis for soil surveys would use which standard?
 - A) National Soil Survey Handbook
 - B) *Soil Survey Manual*
 - C) *Soil Taxonomy*
 - D) Soil Classification File Handbook
4. Which of the following would be the best source for obtaining descriptions of the central concept of the Soil Order Alfisols and full descriptions of its subgroups?
 - A) National Soil Survey Handbook
 - B) *Soil Survey Manual*
 - C) *Soil Taxonomy*
 - D) *Keys to Soil Taxonomy*
5. Which of the following would be the best source to find out who is a member of the National Cooperative Soil Survey program?
 - A) National Soil Survey Handbook
 - B) *Soil Survey Manual*
 - C) *Soil Taxonomy*
 - D) National Cooperative Soil Characterization Database