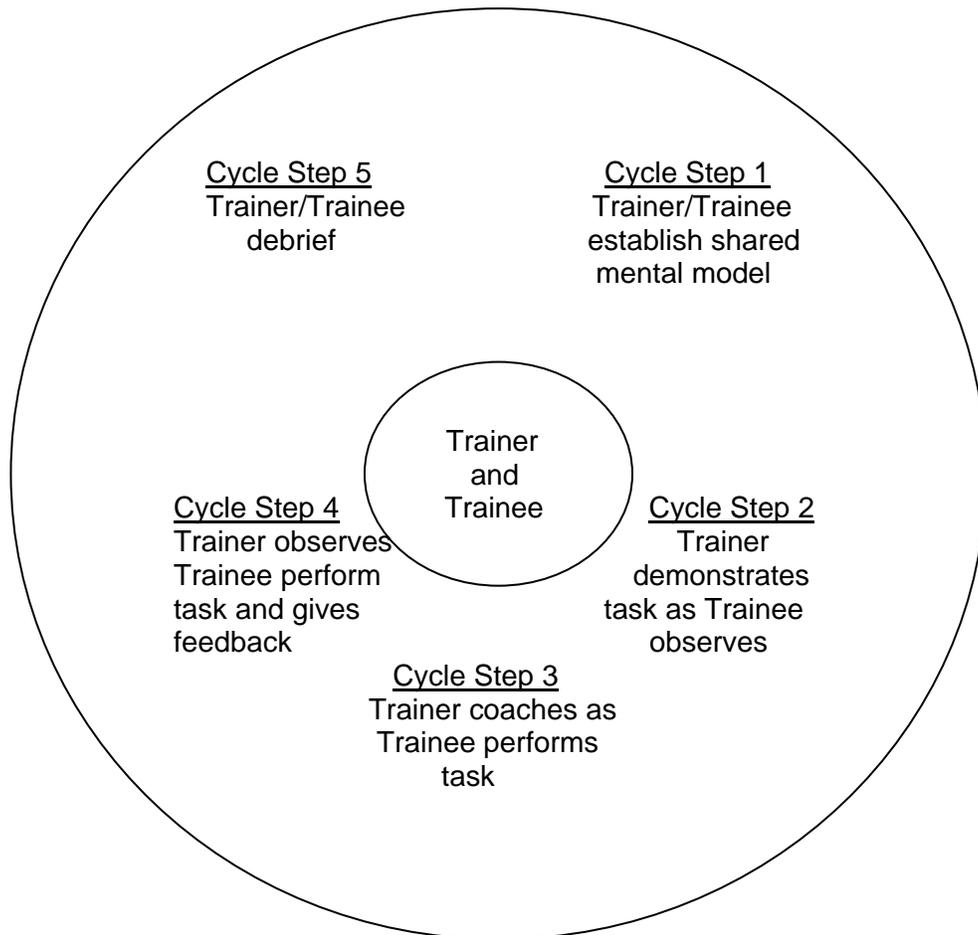


OJT Training Module Cover Sheet

| |
|--|
| Title: 415 How to access and use soil characterization data. |
| Type: <input checked="" type="checkbox"/> Skill <input type="checkbox"/> Knowledge |
| Performance Objective: Trainee will be able to ... <ul style="list-style-type: none">• Search, locate, display, and download information from the National Cooperative Soil Characterization Database.• Navigate to specific soil characterization data. |
| Target Proficiency: <input type="checkbox"/> Awareness <input type="checkbox"/> Understanding <input type="checkbox"/> Perform w/ Supervision <input checked="" type="checkbox"/> Apply Independently <input type="checkbox"/> Proficiency, can teach others |
| Trainer Preparation: <ul style="list-style-type: none">• Be familiar with the National Cooperative Soil Characterization Database• Have example pedons in mind for use in the training. |
| 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: The NSSC Characterization Database online access works best with the IE (Internet Explorer) browser. The use of other browsers may not be supported. |
| Authors: Shawn McVey |
| Approved by: Marc Crouch |

The Five-Step OJT Cycle for Procedural Training (Skill)



OJT Module Lesson

Title: 415 How to access and use soil characterization data.

| WHAT | WHY, WHEN, WHERE, HOW, SAFETY, QUALITY |
|--|---|
| Cycle step 1 | Trainer assists trainee in finding the National Cooperative Soil Survey Soil Characterization Data web site home page and in linking to the home page from the trainee's desktop. |
| Cycle step 2 | Trainer demonstrates the following to the trainee: |
| 1. Access the NCSS Characterization Database home page. | <p>Trainer opens the following links (five of the eight shown) and files and shows what is in each:</p> <ul style="list-style-type: none"> • Data Usage and Citation. • Disclaimer. • SSL Methods Manual. • SSL Information Manual. • Contact. <p>Trainer should discuss whether any local cooperating university data are available in the database.</p> |
| 2. Access NCSS Characterization Database link for Report Generation. | <p>Allow trainee a few minutes to review the document.</p> <p>Trainer opens the following link:</p> <ul style="list-style-type: none"> • How to: Report Generation <p>Trainer reviews the 10 basic steps used in generating a report. Discuss the types of reports available and how to format the reports for best printing using the internet browser settings.</p> <p>Trainer reviews specific tier and column data within the reports that are most useful for the local soil survey area and why.</p> |
| 3. Access NCSS Characterization Database link for Downloading Data. | <p>Allow trainee a few minutes to review the document.</p> <p>Trainer opens the following link:</p> <ul style="list-style-type: none"> • How to: Download Data <p>Trainer reviews the 10 basic steps used in downloading data. Discuss the difference between site information and pedon information. Discuss the data tiers available and the different options for handling trace and dash entries.</p> |

| | |
|---|--|
| <p>4. Access NCSS Characterization Database link for Characterization Data.</p> | <p>Allow trainee a few minutes to review the document.</p> <p>Trainer opens the following link:</p> <ul style="list-style-type: none"> • Characterization Data <p>Trainer reviews the fields available to query for existing data.</p> |
| <p>Cycle step 3</p> | <p>Trainer provides the name of an example soil for the trainee to use in this step.</p> <p>Trainee uses the Characterization Data link to find all data for the example soil with supervision. Select one or more pedons of this soil for review of data.</p> <ul style="list-style-type: none"> • Trainer positions self to observe and guide. • Ask trainee to explain each step for querying, generating a report, and downloading data. • Ask trainee to explain what each step does. • Ask the trainee to identify specific data by tier and column. • Ask trainee to summarize. • Ask trainee for questions. |
| <p>Cycle step 4</p> | <p>Begin Measurement of Learning below.</p> |
| <p>Cycle step 5</p> | <p>Trainer and trainee can debrief the exercise and discuss answers to any questions. Repeat the steps above until trainer is satisfied that the trainee can perform the steps independently.</p> |

OJT Module Lesson Measurement of Learning

Title: 415 How to access and use soil characterization data.

| WHAT | WHY, WHEN, WHERE, HOW, SAFETY, QUALITY |
|---|--|
| <p>Give trainee a randomly selected soil from which to obtain data. The trainee must:</p> <ul style="list-style-type: none">• Locate the available laboratory data.• Generate reports.• Identify the appropriate data by tier and column to use in providing answers to trainer-selected questions about data.• Download data. | <p>Trainee must be able to perform tasks independently and explain steps taken to achieve goals.</p> |

SF-182

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