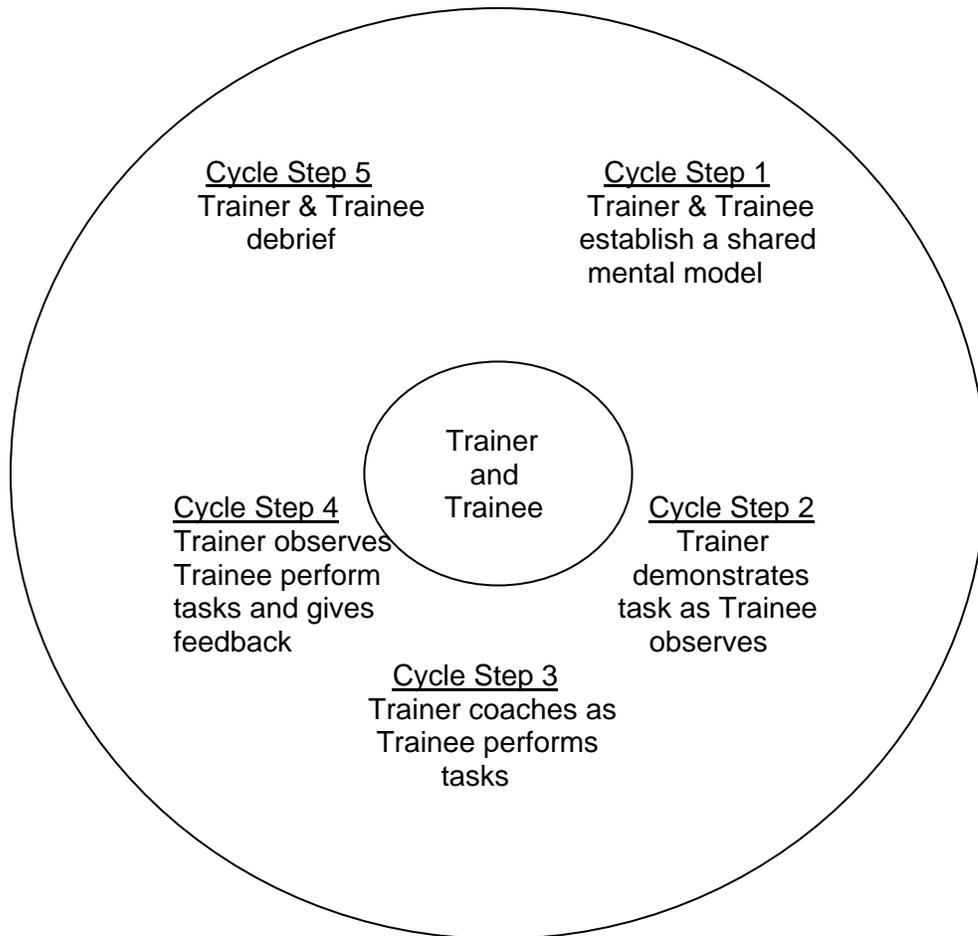


OJT Training Module Cover Sheet

Title: 214 How to use the Soil Series Classification Database (SC) web pages.
Type: <input checked="" type="checkbox"/> Skill <input type="checkbox"/> Knowledge
Performance Objective: Trainee will be able to— <ul style="list-style-type: none">• Define the Soil Series Classification (SC) database.• View SC data by series name.• View and download SC data by using a list of soil series names.• View and download SC data after running database queries using two search options.
Target Proficiency: <input type="checkbox"/> Awareness <input type="checkbox"/> Understanding <input checked="" type="checkbox"/> Perform w/ Supervision <input type="checkbox"/> Apply Independently <input type="checkbox"/> Proficiency, can teach others
Trainer Preparation: Provide Internet access for trainer and trainee to perform tasks in Steps 1, 2, 3, and 4.
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: None
Authors: Joseph Chiaretti
Approved by: Marc Crouch

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



OJT Module Lesson

Title: 214 How to use the Soil Series Classification Database (SC) web pages.	
WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Cycle step1	<p>The trainer and trainee review the objectives of this module. The trainer discusses with the trainee some of the actions commonly performed on the Soil Series Classification Database (SC) Web pages.</p> <p>The trainer and trainee review the attached “Using SC Web pages.pdf” file, which shows specific examples of query operations used to view and download soil series classification data. The trainer and trainee also read the notes that accompany each slide in the presentation.</p> <p>The trainer and trainee access the home page for the Soil Series Classification Database via the soils website: Home/Soil Survey/Soil Classification/Soil Series Classification Database (SC)</p> <p>Trainer and trainee should note the layout of the home page, including the location of the hyperlinks. They click the hyperlink for the Introduction web page and read the text contained on the page.</p>
Cycle step 2	<p>The trainer then accesses the Soil Series Classification Database Web page and performs the actions shown in the presentation using some randomly chosen soil series classifications in order to reinforce the information presented in “Using SC web pages.”</p> <p>The trainee observes the actions taken by the trainer during the online demonstration.</p>
Cycle step 3	<p>The first action the trainee performs is to view the SC data for a single soil series. The second action is to view and download an SC report using a list of soil series names common to the work area. The final action the trainee performs is to view and download SC data based on the family classifications of a few soil series common to the work area. This final action is executed using both the auto-populate advance query option and the default hierarchical list option.</p> <p>The trainer reiterates the steps and guides the trainee when he or she makes a mistake.</p> <p>The trainee notes how the Web pages and query functions operate after performing the actual operations online.</p>
Cycle step 4	<p>The trainee then accesses the Soil Series Classification Database Web page again and performs the actions shown in the presentation using soil series classifications pertinent to his or her survey area in order to reinforce the information presented in “Using SC web pages.”</p> <p>The first action the trainee performs is to view the SC data for a single soil series. The second action is to view and download an SC report using a list of soil series names common to the work area. The final action the trainee performs is to view and download SC data based</p>

	<p>on the family classifications of a few soil series common to the work area. This final action is executed using both the auto-populate advance query option and the default hierarchical list option.</p> <p>The trainer observes the trainee perform the actions and provides feedback and some constructive criticism, when needed.</p>
Cycle step 5	<p>The trainer discusses the query exercise with the trainee and answers any questions arising as a result of this module.</p>

OJT Module Lesson Measurement of Learning

Title: 214 How to use the Soil Series Classification Database (SC) web pages.	
WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Trainee's learning is measured.	Have the trainee complete the attached quiz to reinforce the concepts presented in this module.
Apply knowledge and skill gained to current survey work.	The trainee queries the SC database to generate a few lists of common soil families. These lists are provided to the local survey staff for their use in updating the competing series sections of OSDs.

SF-182

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

Quiz

1. What data does the Soil Series Classification database contain?
 - A) The taxonomic classification of all pedons in NASIS
 - B) Descriptions and site information of all pedons in NASIS
 - C) The taxonomic classification of soil series worldwide
 - D) The taxonomic classification of all soil series in the U.S., territories, commonwealths, and island nations served by USDA-NRCS
 - E) The taxonomic classification of soils in Pedon PC and Analysis PC
2. Which NRCS office level has the responsibility to maintain the data in the Soil Series Classification database?
 - A) MLRA Soil Survey Offices (SSOs)
 - B) Soil survey project offices
 - C) MLRA Soil Survey Regional Offices (MOs)
 - D) NRCS State Offices
 - E) The Soil Survey Division (NHQ)
3. Which option on the SC database Web pages would you use to find the last date on which the taxonomic classification was updated for a soil series?
 - A) Create Report by Query (with FTP option)
 - B) Create Report for a List of Series (with FTP option)
 - C) Soil Series Name Search
 - D) Create National Report (with FTP option)
 - E) View Classification Data by Series Name
4. True or False? The Official Soil Series Descriptions (OSDs) can be accessed by running queries from the search options offered on the Soil Series Classification (SC) database Web pages.
5. What options does the Soil Series Classification Database Web page offer to query the database by taxonomic classes?
 - A) A hierarchical list (with drop down menus) and an advanced search (with wildcards)
 - B) The option to query for series in obsolete taxa, such as Calciorthids
 - C) An auto-populate function based on one soil series name
 - D) An advanced search using partial names of taxa, with wildcards, such as *vitr*