

OJT Training Module Cover Sheet

Title: 1015 How to use Web Soil Survey interpretative information.

Type: **X** Skill Knowledge

Performance Objective: Trainee will be able to...

- Access interpretations available in Web Soil Survey for a selected Area of Interest.
- Recognize the variety of interpretive data available within the soil data explorer tab.
- Select from the optional settings for retrieving interpretive data within the soil data explorer tab.
- Understand how soil interpretations from Web Soil Survey can be used in their conservation activities.

Target Proficiency:

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

Trainer Preparation:

- Trainer must be proficient in using Web Soil Survey.
- Trainer must be proficient in application of soil survey.
- Trainer must be proficient in explaining the limitation of a map unit delineation in a soil survey.
- Trainer selects one or more AOI in WSS for use in module.

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:

- 1014 How to find access and use the Web Soil Survey website.
- 1108 Understand the uses and limitations of soil survey information.

Notes:

None

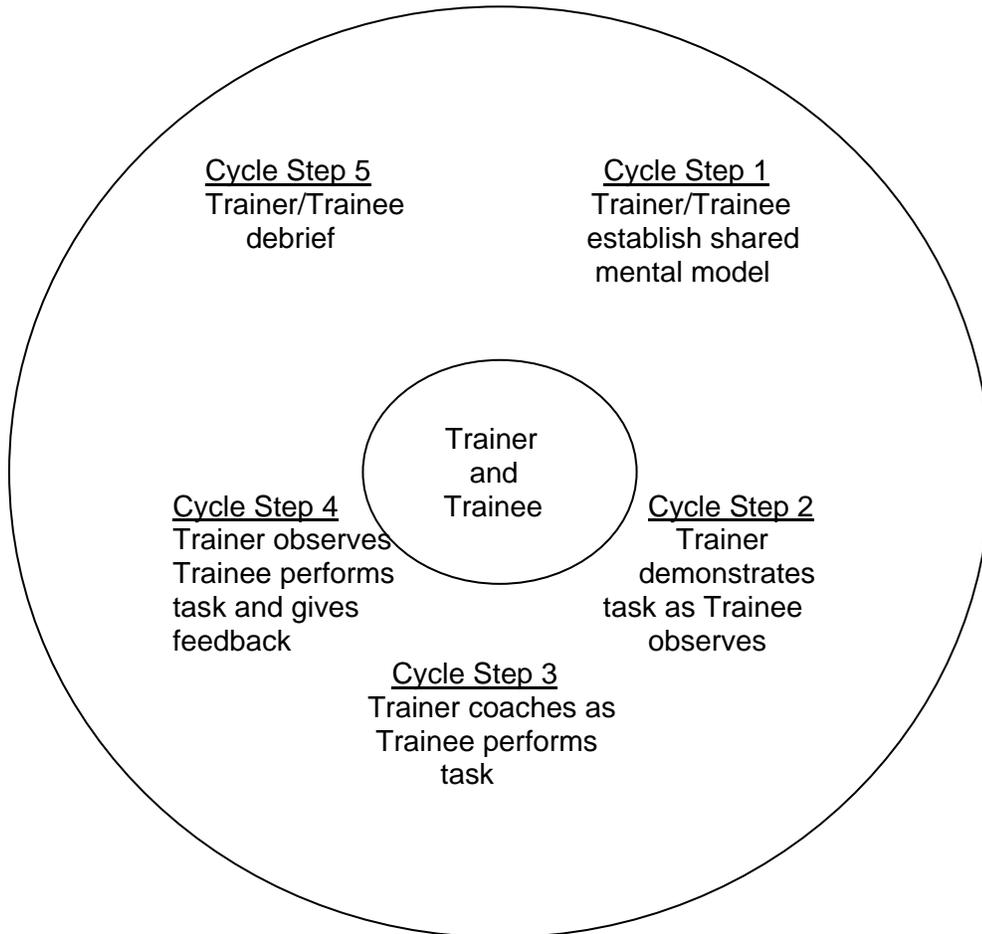
Authors:

H. Raymond Sinclair, Jr.

Approved by:

Shawn McVey

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



OJT Module Lesson

Title: 1015 How to use Web Soil Survey interpretative information.	
WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Cycle step 1	Trainer and trainee review objectives of module. Ensure that trainee understands that this module is intended to help them retrieve soil interpretation information from Web Soil Survey.
Cycle step 2	<p>Trainee reviews the following if a refresher in use of Web Soil Survey is needed: Open home page for Web Soil Survey and study information under the headings “Welcome to Web Soil Survey” and “Three Basic Steps” and the options in the panes “I Want To...” and “I Want Help With...”.</p> <p>The trainer and trainee then should use Web Soil Survey to develop an area of interest (AOI) and create a soil map for use with cycle step 3 of this module.</p>
Cycle step 3	Trainer asks trainee to:
1. Review the options available under the Soil Data Explorer tab.	<p>View and discuss the different interpretation and soil property choices available under the following tabs.</p> <ul style="list-style-type: none"> • Suitability’s and Limitations for Use • Soil Properties and Qualities • Ecological Site Assessment (if data is provided in your soil survey area) • Soil Reports
2. Review the options for generating interpretations for <u>Suitability’s and Limitations for Use</u> .	<p>Trainer should “view rating” using the various options as part of this activity.</p> <ul style="list-style-type: none"> • Viewing options (Map, Table, Description of rating, and Detailed description) • Basic Options (for vegetative productivity) • Advanced options (Aggregation method, Component percent cutoff, and Tie-break rule) <p>View information contained in the “View Description” and “View Rating” tabs.</p>
3. Review the options for generating interpretations from “Soil Reports”.	<p>Trainer should “view soil report” using the options as part of this activity.</p> <ul style="list-style-type: none"> • Minor soils

	<ul style="list-style-type: none"> • View Description • View Soil Report <p>Note that multiple crops can be selected (versus one at a time under Suitability's and Limitations for Use) because no map is developed.</p>
4. Review the options for generating interpretations for Ecological Site Assessment.	<p>Trainer should "view all ecological site info" using the options as part of this activity.</p> <ul style="list-style-type: none"> • Dominant Ecological Site Map • Ecological Sites by Map Unit Component Table • Ecological Site Type • View All Ecological Sites Info
5. Review the options for Soil Properties and Qualities.	<p>Trainer should "view rating" using the options as part of this activity.</p> <ul style="list-style-type: none"> • Viewing options (Map, Table, Description of rating, and Detailed description) • Advanced options (Aggregation method, Component percent cutoff, Tie-break rule, Null as Zero, Layer Options)
Cycle step 4	<p>Using Web Soil Survey, the trainee should select an AOI, generate the soils map, and then select several engineering and agronomic related interpretations to generate reports and/or maps as appropriate. Use default and/or options for generating each interpretation or soil property/quality.</p>
Cycle step 5	<p>Trainer can debrief trainee and address any concerns.</p> <p>Part of the debriefing should include discussing the correct use and misuse of soil information.</p> <p>Trainer may choose to discuss additional soil interpretations or performance information available for the survey area.</p>

OJT Module Lesson Measurement of Learning

Title: 1015 How to use Web Soil Survey interpretative information.

WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Using Web Soil Survey, select two areas in the same soil survey area for comparison of interpretive information.	, The trainee should compare interpretations for one or more map units/components in each area relative to selected dominant land use in the survey area and decide which are better suited for the selected land use. Include engineering and agronomic uses in the comparison.

SF-182

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