

OJT Training Module Cover Sheet

Title: 1016 How to use the Soil Data Viewer (basic).

Type: Skill Knowledge

Performance Objective: Trainee will be able to...

- Navigate through the Soil Data Viewer interface.
- Understand what version of soil survey data is being used.
- Use the different aggregation methods available in Soil Data Viewer.
- Understand how to synchronize data in Soil Data Viewer.
- Generate thematic maps and tabular reports.

Target Proficiency:

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

Trainer Preparation:

- Be familiar with how to import data downloaded from the Soil Data Mart into an Access database.
- Be proficient in using soil data viewer tools in ArcGIS.
- Be familiar with the Soil Data Viewer interface.
- Be familiar with tables available for specific soil surveys.
- Be familiar with Data Frame (UTM) coordinate systems in ArcGIS.
- Determine if trainee has compatible versions of SDV and ArcGIS on their computer. Work with ITS to arrange that if necessary.

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:

- Users of Soil Data Viewer should be aware of which version of soil survey data is being used.
- If the trainee requires or requests additional training, he or she should consider enrolling in the course "Application of Soil Data Viewer and ArcGIS for Technical Soil Services."

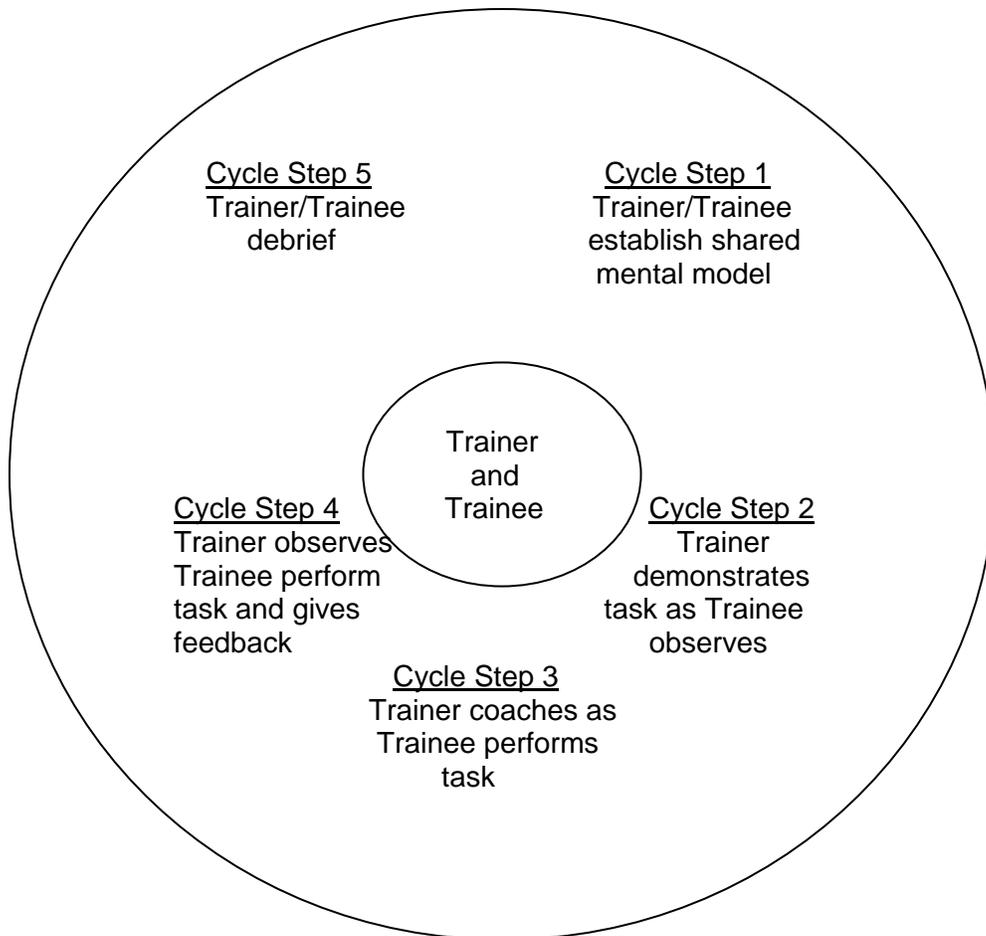
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The Five-Step OJT Cycle for Procedural Training (Skill)



OJT Module Lesson

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WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Cycle step 1	<p>Trainer and trainee should review the objectives of this module.</p> <p>Trainer assists trainee in finding the Soil Data Viewer (SDV) homepage and in linking from the homepage to the trainee's desktop.</p> <p>Trainer and trainee read/review current SDV User Guide.pdf. Trainer should explain which version of Soil Data Viewer to use, how to use data downloaded from Web Soil Survey, and explain the different aggregation methods.</p>
Cycle step 2	<p>Following the SDV User Guide, trainer opens all links and files and shows what information is available.</p> <p>Trainer follows the user Guide to perform all of the basic functions of SDV and discusses these with the trainee.</p> <p>Be sure to review the SDV interface, demonstrate how to synchronize data, and demonstrate how to generate thematic maps and tabular reports using SDV.</p>
Cycle step 3	<p>Trainer coaches trainee in performing all of the basic functions of SDV listed above.</p> <ul style="list-style-type: none">• Trainer positions self to observe and guide.• Ask trainee to explain each step.• Ask trainee to explain what each step does.
Cycle step 4	<p>Trainee performs all SDV basic functions while the trainer provides feedback as needed.</p> <ul style="list-style-type: none">• Ask trainee to summarize.• Ask trainee for questions.
Cycle step 5	<p>Trainer and trainee can debrief the exercise and discuss answers to any questions.</p>

OJT Module Lesson Measurement of Learning

Title: 1016 How to use the Soil Data Viewer (basic).

WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Give trainee a randomly selected soil survey area dataset. The trainee must: <ul style="list-style-type: none">• Synchronize data.• Generate thematic maps.• Generate tabular reports.	Trainee must be able to perform tasks independently and explain steps taken to achieve goals.

SF-182

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