

OJT Training Module Cover Sheet

Title: 1018 Understand how soil investigations can resolve your natural resource issues.

Type: Skill Knowledge

Performance Objective: Trainee will be able to ...

- Recognize the various projects, studies, and inventories that can be conducted to address specific soil characteristics to help in solving natural resource issues in the local area.

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.
- If appropriate for your area, review any local guidance from State land-grant institutions on sampling for soil fertility tests.

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 OJT modules related to Sampling and Characterization, 400 series.
- The **Soil Change Guide**—Procedures for Soil Survey and Resource Inventory, has additional information on sampling for dynamic soil properties.

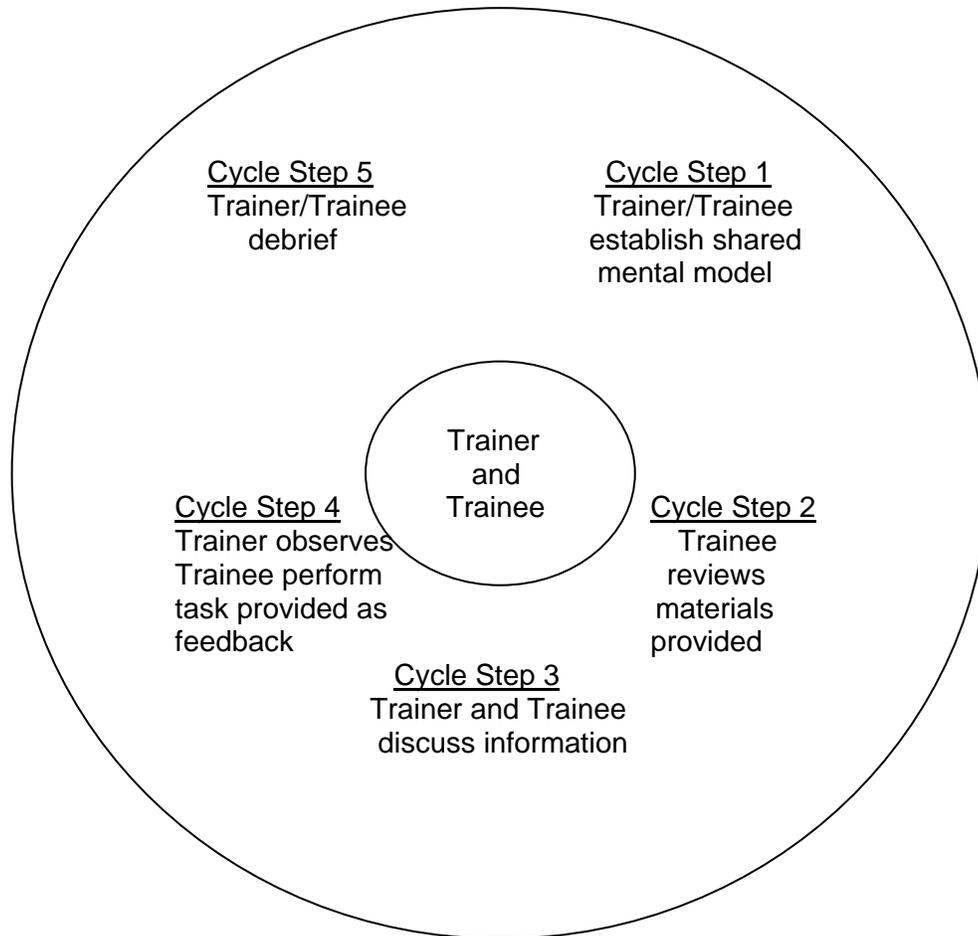
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The Five-Step OJT Cycle for Declarative Training (Knowledge)



OJT Module Lesson

Title: 1018 Understand how soil investigations can resolve your natural resource issues.

WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Cycle step 1	Trainer and trainee review objectives of module.
Cycle step 2	<p>Trainer and trainee access via the internet and read/review:</p> <ul style="list-style-type: none"> • Any trainer supplied guidance from State land-grant institutions on sampling for soil fertility and/or heavy metal testing. • Technical Soil Services Handbook 630: <ul style="list-style-type: none"> ○ Special Projects, Studies, and Inventories • Soil Change Guide <ul style="list-style-type: none"> ○ Soil Change Guide flyer
Cycle step 3	<p>Trainer discusses each of the following:</p> <ul style="list-style-type: none"> • Sampling for full characterization or dynamic soil properties • Use of geophysical methods • Long-term soil data collection • Monitoring water tables and anaerobic conditions • Monitoring soil moisture <p>Trainer discusses NSSC protocols for special projects, studies, and inventories (e.g., site selection, requests for assistance and equipment, sampling equipment, documentation, and shipping).</p> <p>Trainer discusses considerations for soil biology, dynamic soil property sampling, and guidance from State land-grant institutions on soil fertility sampling and heavy metal testing.</p> <p>Review any recent, current, or proposed special projects, studies, or inventories in the local area.</p>
Cycle step 4	Trainer asks trainee to list any local resource concerns and how a special project, study or inventory could help address them.
Cycle step 5	Trainer and trainee can debrief the exercise and answer any questions.

OJT Module Lesson Measurement of Learning

Title: 1018 Understand how soil investigations can resolve your natural resource issues.

WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Trainee's learning is enhanced.	Have the trainee participate in any current special project, study, or inventory for first hand understanding of how it will help address resource concerns.

SF-182

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