

OJT Training Module Cover Sheet

Title: 1007 Understand hydric soil indicators and criteria common to your region.

Type: Skill Knowledge

Performance Objective: Trainee will be able to ...

- Understand hydric soil criteria commonly used in the region.
- Recognize the hydric soil indicators permitted for use in your region.

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.
- Have available (hardcopy preferred for field use) the *Field Indicators of Hydric Soils in the United States*.

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:

- 1006 Understanding hydric soils.

Notes:

None

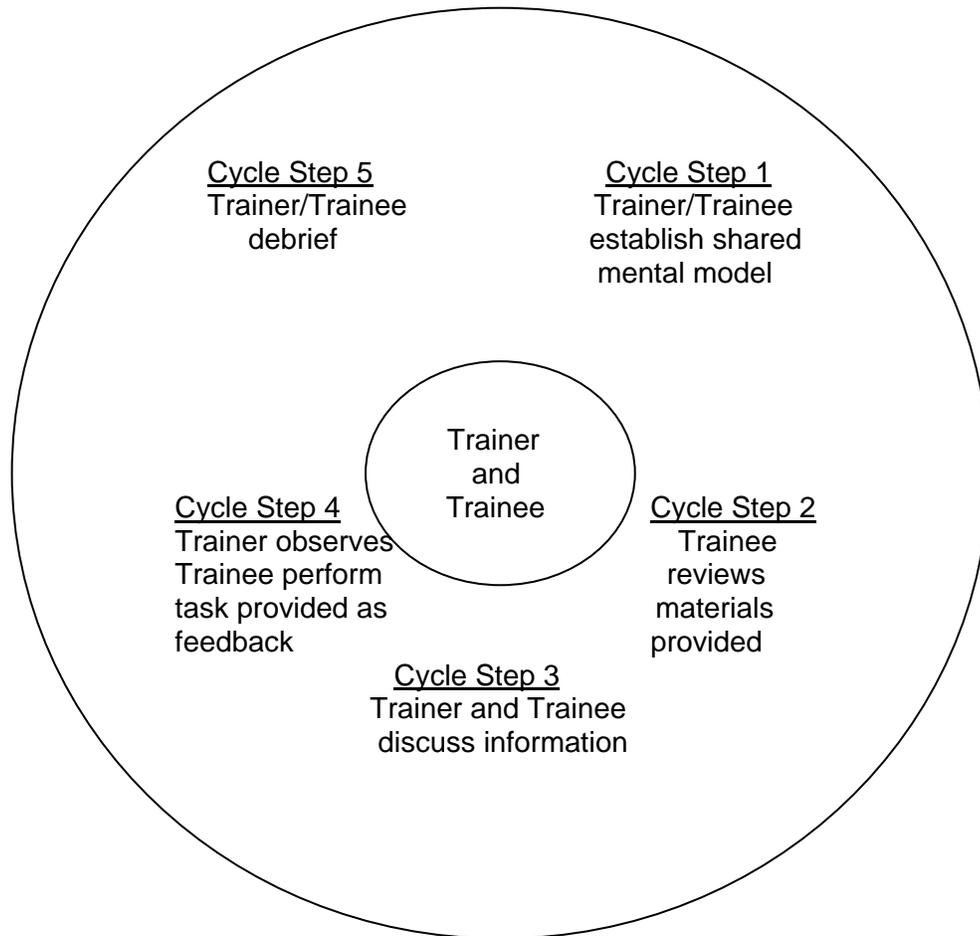
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The Five-Step OJT Cycle for Declarative Training (Knowledge)



OJT Module Lesson

Title: 1007 Understand hydric soil indicators and criteria common to your region.

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 soils web pages and read/review:</p> <ul style="list-style-type: none"> • Hydric Soils: <ul style="list-style-type: none"> ○ Soils Overview ○ Introduction ○ Criteria <ul style="list-style-type: none"> ▪ Including the Glossary of Terms Used in Hydric Soils Criteria ▪ Hydric Soils – NASIS Database Selection Criteria ○ <i>Field Indicators of Hydric Soils in the United States.</i> <ul style="list-style-type: none"> ▪ Trainer assists trainee in finding the USDA Land Resource Region for your area in combination with Appendix: Use Indicators by Land Resource Regions (LRRs) and Certain Major Land Resource Areas (MLRAs) and Appendix: Test Indicators by Land Resource Regions (LRRs) and Certain Major Land Resource Regions (MLRAs) to identify which indicators are allowed to be used in your area. For indicators used in your area, review the criteria in general as well as the pictures of hydric soils to see common soil conditions representing hydric soils.
Cycle step 3	<p>Trainer and trainee discuss the following:</p> <p>1. Hydric Soils: What are hydric soils? How is soil color used to identify hydric soils?</p>

	<p>2. Criteria: What are the four general criteria used in the soil database that define hydric soils?</p> <p>3. Field Indicators: Why were the field indicators developed? Why are the indicators regionally specific? Which LRR and MLRAs are in your area? Stress that the indicators focus on identification of hydric soils at the boundaries of wetlands on the landscape and do not necessarily identify all hydric soils.</p>
Cycle step 4 & 5	If possible, use a field trip to observe criteria and indicators hands-on. Trainer can debrief trainee and address any concerns.

OJT Module Lesson Measurement of Learning

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WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Trainee's learning is measured.	Have the trainee complete the attached quiz below to reinforce the concepts in this module.

SF-182

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

Quiz

1. True or False? A hydric soil is a soil that formed under conditions of saturation, flooding, or ponding long enough during the growing season to develop anaerobic conditions in the upper part.
2. True or False? There are some hydric soils for which no field indicators have yet been recorded and documented.
3. True or False? The description of each hydric soil indicator identifies the land resource regions or major land resource areas in which the indicator can be used.
4. Hydric soil indicators are formed predominantly by?
 - A) Accumulation or loss of iron, manganese, sulfur, or carbon compounds in a saturated and anaerobic environment.
 - B) Accumulation or loss of iron, manganese, sulfur, or carbon compounds in an unsaturated and aerobic environment.