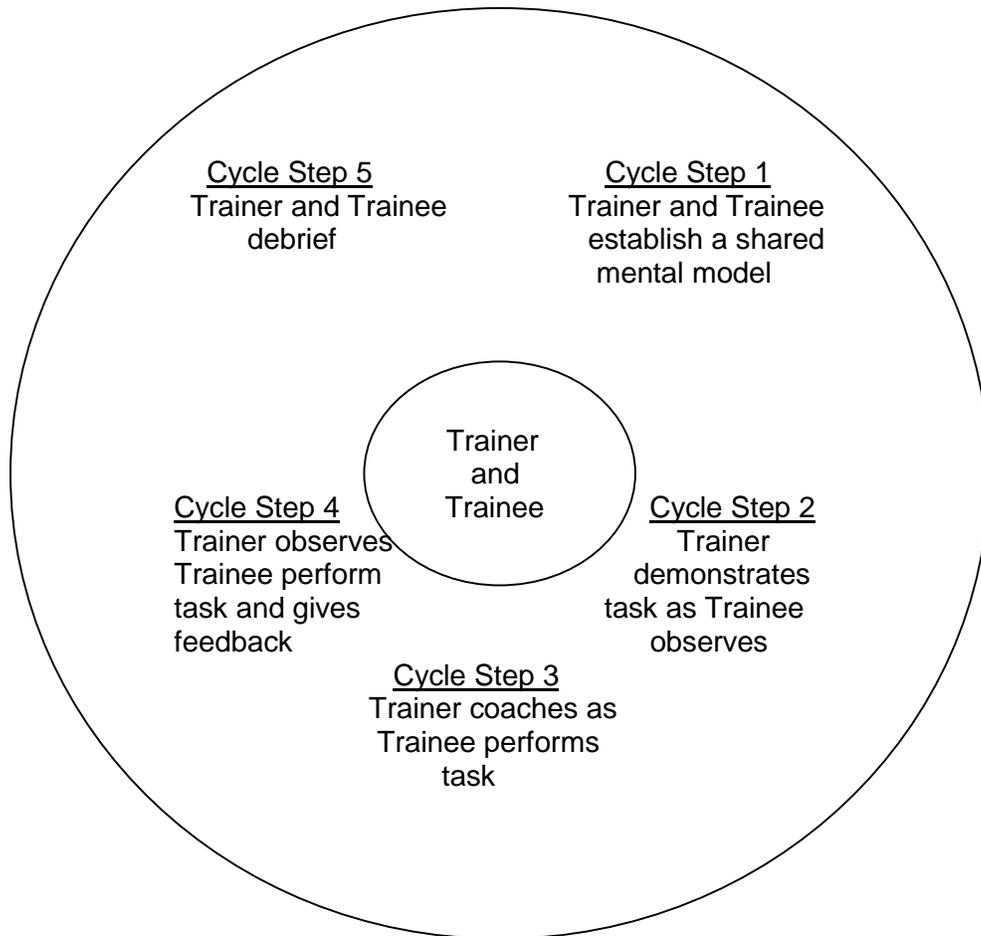


OJT Training Module Cover Sheet

Title: 729 How to conduct reconnaissance for ESDs using low-intensity traverses
Type: <input checked="" type="checkbox"/> Skill <input type="checkbox"/> Knowledge
Performance Objective: Trainee will be able to... <ul style="list-style-type: none">• Plan reconnaissance of a target area using low-intensity traverses.• Complete data gathering during a low-intensity traverse.
Target Proficiency: <input type="checkbox"/> Awareness <input type="checkbox"/> Understanding <input type="checkbox"/> Perform with supervision <input checked="" type="checkbox"/> Apply independently <input type="checkbox"/> Proficiency, can teach others
Trainer Preparation: <ul style="list-style-type: none">• Be familiar with the assigned reading and review material in the lesson plan that follows.• If not already experienced in reconnaissance work, consider asking assistance from a soil scientist or someone else who has experience.
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: Target areas for reconnaissance may depend on status of ESD development in the area. If the area has ESD development, target discussion on the specific environmental setting. If ESD development is relatively new in the area, consider using reconnaissance first to recognize existing unique environments before using the same reconnaissance techniques on a target environment.
Authors: Marc Crouch
Approved by: Johanna Pate Shawn McVey Craig Busskohl

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



OJT Module Lesson

Title: 729 How to conduct reconnaissance for ESDs using low-intensity traverses	
WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Cycle Step 1	<p>You and trainee review the objectives of the module.</p> <p>You and trainee read and review: National Ecological Site Handbook Part 631, Subpart B – Steps for Ecological Site Differentiation and Development of Ecological Site Descriptions</p> <ul style="list-style-type: none"> • Section 631.11 – Preliminary Stages <ul style="list-style-type: none"> ○ Subsection E – Conduct Reconnaissance – Low-Intensity Traverses <p>Discuss the NESH guidelines.</p>
Cycle Step 2	Show trainee how to do the following for a reconnaissance effort:
Recognizing the target area	<p>Is the target area (starting with the broadest category):</p> <ul style="list-style-type: none"> • A broad region with 2 or more major landscapes, • A specific landscape, • A suite of related landforms, • A specific landform, or • One or more plant communities?
Planning traverses	<p>Plan an initial traverse:</p> <ul style="list-style-type: none"> • Evaluate existing geospatial data, either from an ecopy or hardcopy, for landscapes, landforms, soils, and plant communities. Existing soil survey maps are also a good place to start. • View road maps to determine if the existing road network is adequate for traverse needs. • Determine land ownership of the target area and, if needed, obtain access permission. • Determine what data is to be gathered at each observation point and what format will be used. • Identify initial locations of observation points.
Conducting traverses	<p>Conduct a traverse:</p> <ul style="list-style-type: none"> • Drive or hike to planned observation points. • Observe entire area as you traverse. • Add unplanned observation points as needed and discuss why this was done. • Capture notes for visual observations. Photos should be taken. • Capture data for soil and plant inventory observations via pits, augers, probes, etc. • Locate all data points, planned and unplanned, with a GPS.

Assessing reconnaissance data	Develop initial concepts for the ecological site or sites observed using data gathered: <ul style="list-style-type: none">• Soil characteristics• Landforms• Surface morphometry (slope characteristics, aspect, elevation)• Plant communities
Cycle Step 3	Coach trainee as trainee prepares reconnaissance for a second target area or for a second traverse of the first target area.
Cycle Step 4	Repeat Cycle Step 3 without coaching for another target area or additional traverses of the prior target area(s).
Cycle Step 5	Debrief trainee and address any concerns.

OJT Module Lesson Measurement of Learning

Title: 729 How to conduct reconnaissance for ESDs using low-intensity traverses	
WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Trainee's learning is measured.	During project activities, assign this task to the trainee. Sign off on performance when target proficiency is achieved.
Follow-up	Follow-up should be done within 6 months to make sure training is retained.
Performance Report	Complete OJT Performance Report.

SF-182

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