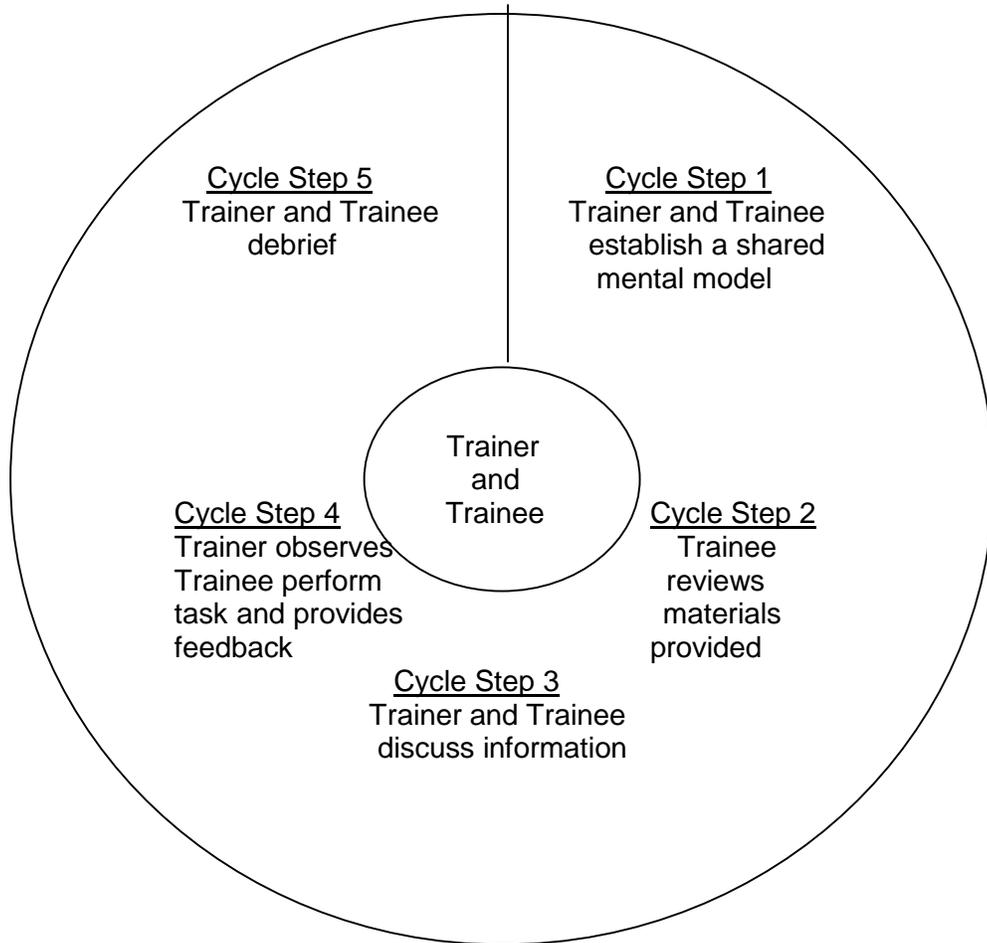


OJT Training Module Cover Sheet

Title: 733 Understanding the development of State-and-Transition Models (STMs) in Ecological Site Descriptions (ESDs)
Type: <input type="checkbox"/> Skill <input checked="" type="checkbox"/> Knowledge
Performance Objective: Trainee will be able to... <ul style="list-style-type: none">• Understand how STMs are developed.• Understand the role of STMs in illustrating the ecological dynamics of an ecological site.• Recognize the components of an STM.• Recognize the standard format for preparing and labeling an STM diagram.• Understand the general processes for developing STMs.
Target Proficiency: <input type="checkbox"/> Awareness <input checked="" type="checkbox"/> Understanding <input type="checkbox"/> Perform with supervision <input 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.• Have one or more existing ESDs with its STM to use as an example for discussions.
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: None
Authors: Marc Crouch
Approved by: Johanna Pate Craig Busckohl Shawn McVey

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



OJT Module Lesson

Title: 733 Understanding the development of State-and-Transition Models (STMs) in Ecological Site Descriptions (ESDs)	
WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Cycle Step 1	You and trainee review the objectives of the module.
Cycle Step 2	<p>You and trainee should read and review:</p> <p>National Ecological Site Handbook Part 631: Subpart A – Ecological Site Characterization Concepts</p> <ul style="list-style-type: none"> • Section 631.4 – <i>Components of a State-and-Transition Model</i> • Section 631.5 – <i>Role of State-and-Transition Models</i> • Section 631.6 – <i>General Guidelines for Developing State-and-Transition Models</i> <p>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 F – <i>Develop STMs</i> <p>Subpart D – Ecological Site Naming Protocol</p> <ul style="list-style-type: none"> • Section 631.35 – <i>Labeling in State-and-Transition Model (STM) Diagrams</i> <p>Subpart H – Exhibits</p> <ul style="list-style-type: none"> • Section 631.85 – <i>Generic State-and-Transition Model Labeling</i>
Cycle Step 3	Lead a discussion using the following guidelines. The reading material may be supplemented with local information and your own experience, including example ESDs and their STMs.
What are STMs?	Review example diagrams and narratives. Review labeling process used for diagrams.
Why are they developed?	Discuss the use of STMs within an ESD.
How are they developed?	Discuss the process. Discuss the process in your area, including any work groups or workshops that have been organized.
What are ecological dynamics and management alternatives in relation to ESDs?	Discuss and use example ESD STMs to illustrate dynamics and alternatives in your area.
Cycle Step 4	You and trainee complete any further discussion as necessary to understand the role of STMs.
Cycle Step 5	Provide feedback and debrief trainee.

OJT Module Lesson Measurement of Learning

Title: 733 Understanding the development of State-and-Transition Models (STMs) in Ecological Site Descriptions (ESDs)	
WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
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.