

## EVALUATING RANGELANDS - RANGE HEALTH, TREND AND SIMILARITY INDEX (OK-ECS-016)

### Overview

This course will teach methods of assessing ecological sites through health, trend and similarity index evaluations. The course will be part classroom instruction, part field exercise.

### Objectives

Upon completion of this training, participants will be able to:

1. Understand the attributes associated with ecological processes and the stability of ecological sites including: Soil site stability, hydrologic cycle and soil and plant community integrity.
2. Complete a resource inventory of ecological sites including plant production, composition, health and vigor, soil condition, erosion and litter.
3. Evaluate attributes and inventory data to make interpretations about the ecological processes, characteristics of the site and interpret trend in the desired plant community
4. Complete evaluation worksheets and use information to communicate with client and document and record in conservation plans.

### Prerequisites

Must have planning responsibilities. Plant ID 1<sup>st</sup> Course and Conservation Planning on Grazing Lands would be beneficial.

### Duration

This will be a one-day course, most outdoors.