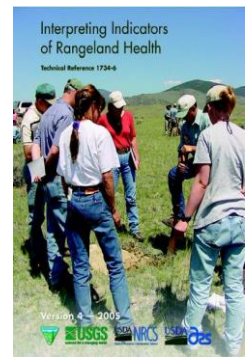


Interpreting and Measuring Indicators of Rangeland Health Classes



What

Participants in this four day course will learn how to apply recent revisions to the "Interpreting Indicators of Rangeland Health" qualitative evaluation protocol and learn how to quantify (measure) selected core indicators. The class has been revised this year to incorporate components of a revision of Version 4 to an upcoming Version 5. Basic protocol and methodology have not changed from Version 4 to Version 5, thus results obtained from Version 4 will not differ when applying Version 5. Version 5 will be finalized after the 2017 field season and the incorporation of internal and external peer reviews.

Why

The protocol is widely applied by individuals and agencies to provide early warning of potential degradation, opportunities for recovery and to help design monitoring programs. The quantitative indicators can also be used as baseline for monitoring.

Who

- Individuals with little or no experience with the protocols.
- Anyone interested in learning about and applying Version 5 revisions.
- Individuals who would like to improve their ability to consistently apply both qualitative and quantitative the protocols.
- Anyone who is interested in learning how to objectively evaluate rangelands.

When and Where

BLM National Training Center (NTC) Classes

April 25-28, Las Vegas, NV

May 23-26, Salt Lake City (Tooele area), UT

June 27-30, Boise, ID

National Resources Conservation Service (NRCS) Classes

June 12-16, Manhattan, Kansas

There are several required pre-class internet based assignments: 1) Ecological Concepts [16 Minutes] 2) Indicators & Attributes [18 Minutes] and Stratification [54 Minutes] and the three Quantitative Methods Videos. These assignments are located on the NTCs Knowledge Resource Center (KRC) at:

<http://www.ntc.blm.gov/krc/viewresource.php?courseID=813&programAreaId=90>. Another monitoring and assessment resource is the Landscape Toolbox web site:

<http://www.landscapetoolbox.org>

Each class day's activities assume knowledge of the previous day. Consequently, participants are asked to commit to being present throughout the course.

Tuesday 8-5pm: Classroom/and late afternoon field instruction

Wednesday and Thursday 8-5: Field application of the IIRH protocol

Friday 8-12: Classroom-Interpretation of assessments and application at the landscape scale.

NTC Instructor Cadre

Jeff Herrick (ARS) ~ Mike Pellant (retired BLM) ~ David Pyke (USGS)

Pat Shaver (retired NRCS) ~ Gregg Riegel (FS) ~Nika Lepak (BLM) ~Emily Kachergis (BLM), Beth Newingham (ARS), David Toledo (ARS)

NRCS Instructor Cadre David Kraft, Josh Saunders and Emilio Carrillo; NRCS Rangeland Management Specialists

Sponsors

This course is sponsored by BLM's National Training Center (NTC) and NRCS's National Employee Development Center for the purpose of encouraging the use of this Rangeland Health assessment tool by federal, state agencies, and others. Participants are responsible for their travel expenses, including transportation to the classroom, meals and lodging. We will either carpool or use buses to travel to field sites.

Tuition cost NRCS Classes: No Tuition

Tuition cost NTC classes:

- There is no tuition for all federal employees or current federal contractors.
- In accordance with NTC policy non-federal participants for this class are required to pay tuition of \$1100. After you submit your request to attend this class through DOI Learn (see instructions below) you will be placed on the waitlist and receive additional instructions on how to pay the tuition. After your tuition payment is processed you will be moved to the official class roster, if space is available.

Tuition Waiver:

The tuition requirement for non-federal participants may be waived for those engaged in partnerships with or stake holders with any federal agency associated with this class, current contractors with any federal agency associated with this class (including GBI) or associated with academia. For questions related to tuition and tuition waivers please contact Steve Bird (NTC), 602-906-5544.

Registration and Logistics for BLM NTC Sponsored Classes

Locations	See above
Dates	See above
Sponsor	BLM National Training Center BLM National Training Center
Registration	<p>Note: If you have trouble registering contact Course Coordinator, Steve Bird at 602-906-5544.</p> <p>BLM or other DOI employees: Supervisor approval is required to attend this class.</p> <p>Go to http://www.doi.gov/doilearn/index.cfm and log in.</p> <p>IMPORTANT: Before you begin your enrollment in the class, in the DOI Learn My Home tab:</p> <ol style="list-style-type: none"> 1. Click on the Update My Profile icon to ensure your email address is current, update as needed then click [Update] (bottom right of screen). 2. Click on [My Supervisors]. Ensure your Supervisor is correct. Remove or Assign New Supervisors, if needed. If you have to add a supervisor, a wizard will take you through the steps. Be sure to [Save] any changes. <p>Return to the My Home tab.</p> <ol style="list-style-type: none"> 1. Go to course catalog, search for "<i>interpreting indicators</i>". Click on the [Go] button. 2. When the course name (Interpreting and Measuring Indicators of Rangeland Health) shows, scroll down and click on [Scheduled classes], then Select the class you wish to attend. 3. Click on the [Submit Request] button at bottom of screen. 4. A new screen will open that will give you the opportunity to walk thru a wizard in order to submit a Learning Request. 5. Complete each screen and click next (bottom right) 6. On the gray screen (Confirm Information Entered) be sure to scroll to the bottom and click [Save] <p>An automated email will be sent to your supervisor so they can do the electronic approval in DOI Learn. Once your supervisor approves your request, you will be automatically be added to the roster. You will receive an email verifying your enrollment, <u>and you will be placed on the "wait list" for that class.</u></p>

	<p>NON DOI/Private Sector: Fill out the form found here: https://gm2.geolearning.com/geonext/doi/requestaccount.geo</p> <ol style="list-style-type: none"> 1. for Add Reason, type: "BLM Classroom Course 1730-37 Interpreting and Measuring Indicators of Rangeland Health" 2. for Username, you can make one up (no spaces)...maybe firstinitial/lastname (i.e. sclaus) 3. for Time Zone, select America/Los Angeles (PST), America/Denver (MST), America/Chicago (CST), America/New_York (EST) 4. Click [Create Account] (bottom right of screen) <p>You will receive an email stating your request is pending. If you do not receive a 2nd email within 2 days of your submission stating that your account is approved, you may contact BLM_TC_Datasteward@BLM.gov and request a follow up to your external request.</p>
Class Approval	<p>There are various class registration statuses used by DOI LEARN. They are:</p> <ul style="list-style-type: none"> • Registered: You have been accepted for the class. • Waitlist: The class is full and you have been placed on a waitlist. You will be notified if a space opens up on the roster. • Preference will be given to federal employee participation if classes are full.
Hotels	Hotel information will be sent to all approved class attendees
Contact	<p>Steve Bird sbird@blm.gov 602-906-5544</p>

Registration and Logistics for NRCS Sponsored Class:

For registration, send an e-mail with your name, organization and contact information to:

David J. Kraft
Kansas State Rangeland Management Specialist
Natural Resources Conservation Service
United States Department of Agriculture
David.Kraft@ks.usda.gov