

Native American Rangeland Management Training Initiative



The Society for Range Management is partnering with tribal governments to help their natural resource staff address challenges that impact the sustainable management of rangelands on tribal lands

- **ADAPTED** for **TRIBAL NATURAL RESOURCE STAFF**, different academic backgrounds, and unique community needs
- Training meets NRCS/BIA **COMPLIANCE** standards
- **RESPECTFUL** of tribal traditional and cultural values
- Interactive 7-week **ONLINE COURSE** for Introductory Range and Soil Ecology, and additional follow-up short courses for more advanced topics
- Follow-up tribal **WORKSHOPS** to address specific needs
- **ADVISORY SUPPORT** to help with problem-solving, research ideas, management challenges, and professional development
- **STUDENT** internship component

For more information or to enroll contact Dr. Diana Doan-Crider at diana@animopartnership.org or call 830-955-5845 (office); 830-431-2770 (cell)

Hosted by the Society for Range Management
Funding provided by the USDA Natural Resource Conservation Service
and the USDA Forest Service

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Online Rangeland Ecology Course

FREE 7 Week Online Course through Oregon State University

Students will complete activities within the context of their region & culture

Depending on the level of knowledge and experience, there are two levels of the Rangeland Ecology Course: **Fundamental** or **Intermediate**.

Scope of Fundamental Course:

- Biogeography
- Soil Principles
- Plant Morphology & Physiology
- Nutrient Cycles & Watersheds
- Species Biology
- Population & Community Ecology
- Disturbance Ecology
- Livestock Grazing Management 1
- Ecosystem Goods & Services
- Management Approaches & Tools

Scope of Intermediate Course:

- Plant Community Ecology
- Soil Stability & Quality
- Ecohydrology
- Disturbance Ecology
- ESDs – STMs – Systems Diagrams
- Livestock Grazing Management 2
- Habitat Assessment
- Inventory & Assessment
- CHANS & Social Ecology
- Planning & Restoration

Must take online course to participate in workshop

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Tribal or Regional Custom Ecology Field Workshops

2-3 Day Field Workshops Led by Rangeland Professionals

1: Workshop Scoping Phone Discussion: (NARTI Team & Tribal Staff Leader)

What are specific land stewardship issues? Recommendations for workshop structure and logistics. Designate tribal point of contact (POC).

2: Workshop Planning & Organization: (NARTI Team, Tribal POC & Field Professionals).

Focus will be on connecting concepts learned in course to landscape conditions and identified land stewardship issues for each particular tribe or groups of tribes. Outline of agency roles as preferred by tribal leadership.

3: Workshop Event: (NARTI Team, Tribal POC, Field Professionals & Students)

Conducted upon request by tribes, and dependent upon management needs

Additional Follow-up Courses/Workshops

Inventory, Assessment & Monitoring

Disturbance & Restoration

Grazing Management

Native American Rangeland Training Initiative Scope

Current Focus

Rangeland Management & Ecology **INTERACTIVE ONLINE COURSES** hosted by Oregon State University, **WORKSHOPS** tailored for tribal and/or regional needs, and the development of follow-up support teams. Natural resource tribal staff, BIA staff, NRCS tribal liaisons, and student interns welcome.

Flexible for all academic degree levels, and led by diverse group of Rangeland Science faculty.

RANGELAND MANAGEMENT TOOLKITS for community outreach in both Native American and Hispano land-based communities.

Audio-visual presentations, educational handouts for Tribal Councils and communities, how-to's, videos, music, and children's activities for classrooms, Boys & Girls Club and 4H, and more...

Inter-tribal natural resource information and management **WEBSITE**.

General information & resources, information hub for tribes and Native non-profit organizations, project successes, grant information, inter-tribal calendar, student resources, and outreach toolkit downloads.

Feasibility study for accredited **RANGELAND AND SOIL ECOLOGY** for tribal college students.

Designed to strengthen tribal college curricula, provide support for faculty in low enrollment natural resource management programs, and provide students with courses that increase employment opportunities in natural resources.

Our Partners



Additional Important Information

Program Participation Requirements

Tribal governments are asked to enroll as many interested staff at once so workshops can be held for entire groups. Groups larger than 8 from a single tribe will be enrolled in their own course. The information provided during the online courses will be directly connected to the workshop material, so tribal staff are expected to complete the online requirements before workshops will be scheduled. Other range-related topics can be requested after the introductory course and workshop have been completed. Short courses will be approximately one-week online, and 1-2 days of workshop time each.

Online Course Description and Schedule

The online Rangeland and Soil Ecology course is taught by Yvette Gibson, Rangeland Management Instructor for Oregon State University. The course is approximately 7-weeks long and covers basic ecological concepts and methods used in rangeland management. Online activities **do not** require specific log-in times, but only require students to check in at their convenience several times a week via Canvas Teaching Platform. The course is hosted on OSU's servers where students will view presentations & videos, respond to discussion questions, and conduct field activities during their normal work activities. Topics are similar to those taught through other NRCS online courses, but are adapted to tribal land tenure and management differences. A certificate of completion will be provided by the SRM.

2019 Course dates are: June 10, 2019 * July 29, 2019 * September 23rd * November 4th

Workshop Scheduling

Workshops will be scheduled based on tribal calendars, and can be coordinated for individual tribes, or groups of tribes, as indicated by tribal governments. Workshops will be taught by experienced range & soil conservationists that will also make up the advisory groups. Workshops can also include a cultural component taught by tribal elders or other qualified cultural experts, if so desired by individual tribes.

Advisory Groups

At the request of tribal governments, advisory groups can be coordinated among local and regional rangeland and soil experts (agency, university, non-profit), tribal professionals, and already existing natural resource and cultural partners with whom the tribes have been working. We request that members of the advisory groups include these activities as part of their own work descriptions (via agency directives or extension responsibilities), or volunteer their time and energy. Advisory members must be motivated to assist tribal staff, be readily available to meet with and conduct site visits, and be able to make time to assist with workshop instruction. Travel costs will be provided if not covered by their respective employers.

Student Interns

Student interns that are enrolled in community, two-year, or four-year college programs are welcome to participate upon entering into an internship agreement with their respective tribal government; however, that tribal government must also be participating in the program. The online courses that are offered in this program are not accredited, therefore college credit will not be available.

Other Institutional Participation

Agency liaisons are welcome to participate with permission from their respective agencies, along with staff members of partnering organizations.