

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Integrated Training Area Management (ITAM) Assistance Support, Yuma Proving Grounds, Arizona

Type of Project: Technical Assistance
Project Discipline: Interdisciplinary
Funding Agency: Department of Defense
Other Partners/Cooperators: Colorado State University
Effective Dates: 9/23/2014 - 1/31/2015
Funding Amount: \$44,500

Investigators and Agency Representative:

Agency: Jack Mobley, CESWF-CT, 819 Taylor Street, Rm 2A19, Fort Worth, TX 76102-0300; 817.886.1708; Jack.E.Mobley@usace.army.mil

Investigator: Christine Bern, Center for Environmental Management of Military Lands, Colorado State University, Fort Collins, CO; (970) 491-7190; Christine.Bern@ColoState.EDU

Project Abstract: The Sustainable Range Program (SRP) provides land management capability across the total U.S. Army. The Army recognizes that the execution of testing and training to doctrinal standards under realistic combat conditions will affect the environment. SRP is an essential part of the Army's commitment to range sustainability. SRP establishes a framework for decision making and management of Army ranges and training areas. This allows the Army to manage its land in an environmentally sound manner to ensure the ongoing use of mission lands for accomplishing its primary activities of training, testing, storage and production. It integrates operational, environmental, and master planning elements, as well as other programs to identify and assess land use alternatives. SRP supports training, testing, and other installation missions by sustaining land assets through sound natural and cultural resources management practices. The Yuma Proving Grounds Integrated Natural Resources Management Plan (INRMP) cites the SRP's responsibility to sustaining the capability of installation lands units, to ensure compliance with statutory regulations, and to promote sound stewardship of natural resources contained on lands used for military operations.

SRP works to sustain use of the Army's training and testing facilities by providing a preventative and corrective land rehabilitation and maintenance procedure to reduce the long term impacts of training and testing on an installation. It includes range redesign and or reconfiguration to meet military mission requirements and sound land/habitat stewardship principles.

Task 1. **Land Management** for the preservation of the environment for the purpose of the mission. SRP maintains soil and vegetation conditions required to support the long-term military mission on YPG's training and testing ranges. The cooperator will manage and administer those aspects through fieldwork, site analysis, project design, reporting and acquisition of materials and equipment. The cooperator will provide technical support to installation staff by preparing and presenting briefings, conducting meetings, providing technical expertise with the intent of minimizing the loss or degradation of environmental quality that could affect military readiness.

Task 2. **Plans, Protocols and Reports.** The cooperator will work with and organize projects using the Range Complex Master Plan Tool (RCMPT). Using the RCMPT, the cooperator will develop project goals, procedures, estimate budgets, and develop metrics to assess projects. The cooperator will work with the Sustainable Range Program Manager in identifying projects and issues that could potentially reduce site and habitat quality if executed without adequate evaluation.

Outcomes with completion dates: 1/31/2015

Keywords: Integrated Training Areas Management Program (ITAM), Yuma Proving Ground (YPG), Colorado State University, Center for Environmental Management of Military Lands (CMML)