

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Developing a GIS based Library of Disturbed Lands Site Restoration in the National Parks

Discipline: Natural

Type of Project: Technical Assistance

Funding Agency: National Park Service - Geologic Resources Division

Other Partners/Cooperators: University of Colorado at Denver

Effective Dates: September 1, 2009 - December, 2012

Funding Amount: \$68,648

Investigators and Agency Representative:

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Project Abstract: Over the past 20 years, National Park Service, Geologic Resources Division has amassed information on disturbed lands in the parks. The NPS currently does not have a mechanism for cataloguing geospatial data on disturbed lands sites that have been restored. The NPS needs a comprehensive and retrievable data system to serve as a library of information for those activities that have already occurred. A library of restoration activities would serve as a data clearinghouse. Service-wide data for restoration needs is often acquired through NPS accounting and reporting systems and these systems only reflect a portion of sites in need of restoration.

This project will: 1) develop a service-wide GIS based library of on-going and past disturbed lands sites in the NPS to act as a data clearinghouse 2) produce GIS maps and products for use in interpreting disturbed land sites for the National Park Service (NPS).

Outcomes with Completion Dates: List of Products: 1) produce GIS maps and products for use in interpreting disturbed land sites for the National Park Service (NPS) 2) develop a service-wide GIS based library of current and past disturbed lands sites in the NPS to act as a data clearinghouse. Final report due: December 31, 2012

Keywords: University of Colorado Denver, National Park Service - Geologic Resources Division, GIS tools, Disturbed Lands Restoration (DLR) sites