

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Soil Characterization Database

Type of Project: Technical Assistance

Project Discipline: Natural

Funding Agency: NRCS

Other Partners/Cooperators: University of Idaho

Effective Dates: 9/30/2009 - 9/30/2010

Funding Amount: \$121,000

Investigators and Agency Representative:

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Project Abstract: During the past 60 years, the NSSC Soil Survey Laboratory (SSL) has analyzed a approximately 33,000 pedons to support the Soil Survey program. In addition to these data, soil characterization data also have been collected by National Cooperative Soil Survey (NCSS) university partners in support of the soil survey program including data collected for graduate student thesis and dissertations. Data collected by SSL is available to MLRA Soil Survey Offices and the public through a web site application. NCSS university partner data is generally not accessible to MLRA Soil Scientists or the public. The purpose of this agreement is to provide funds to NCSS partners for staff time required to collate and format soil characterization data collected locally and to incorporate these data with SSL data into a national NCSS Soil Characterization database that is electronically accessible by MLRA Soil Scientist and the public

The University of Idaho will manage the project and disperse funds to Cooperating Universities in the of \$5,000 to \$75,000 per university to support the retrieval, assembly, and formatting of soil characterization data.

Outcomes with completion dates: Quarterly accomplishment reports; Final report due 90 days after end date.

Keywords: soil characterization, data base, NSSC Soil Survey Laboratory, National Cooperative Soil Survey, University of Idaho