

Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: BLM WY UW Soil Salinity Risk Mapping Analysis and Assessment

Discipline: Natural
Type of Project: Technical Assistance
Funding Agency: Bureau of Land Management
Other Partners/Cooperators: University of Wyoming
Student Involvement: unknown
Effective Dates: 7/23/2015 - 7/22/2020
Funding Amount: \$423,660

Investigators and Agency Representative:

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Project Abstract: The purpose of this project is to provide hydrologic and geospatial support for the utilization of numeric modeling and additional tools to resource managers as defensible mechanisms for land management. Research and related tasks will focus on two main topics of interest: 1) understanding of salinity transport, monitoring, and modeling, and 2) hydrologic modeling in support of APD/effects of surface disturbance on runoff.

Keywords: soils salinity analysis, modeling, watershed analysis, assessment, Wyoming, BLM, University of Wyoming, Wyoming Geographic Information Science Center