

Project Completion Report Rocky Mountains Cooperative Ecosystem Studies Unit (RM-CESU)

Project Title: IMR Geographic Resources Division GIS Project Support

Project Code: P13AC00550, CSURM-272

Type of Project (Research, Technical Assistance or Education): Technical Assistance

Funding Agency: National Park Service

Partner University: Colorado State University

NPS Agreement Technical Representative (with complete contact information):

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Principal Investigators (with complete contact information):

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Start Date of Project: August 1, 2013

End Date of Project: July 1, 2018

Funding Amount: \$112,382

CSU provided Research Associates to support the NPS on GIS-related technical projects for the 91 Park units of the Intermountain Region. Projects covered under this agreement included GIS data organization and standardization, GPS training, web mapping application development, and map production. This project supported over 50 different Parks and Regional office Programs in the Region, including, but not limited to, data and product development for Park Atlases, public data verification and dissemination, Devils Tower NM data management, Glen Canyon Air Tours Mapping, Big Thicket NPRES data management and access application development, and development of GIS training resources for parks.

Number of students participating in this project: undergraduates, graduate students, degrees conferred.

3 post-graduate students participated in this project.

Lessons Learned from this project:

This agreement provided a mutual benefit to the NPS and CSU. Research Associates with CSU were able to better understand how GIS is integrated into NPS and Park activities and expand the breadth of knowledge at CSU; while also providing greater technical expertise to Parks through GIS training, data creation, application development, and data management.