

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Digital Archeology Assistance to Dinosaur National Monument

Discipline: Cultural
Type of Project: Technical Assistance
Funding Agency: National Park Service
Other Partners/Cooperators: Utah State University
Effective Dates: 8/1/2014 - 1/31/2017
Funding Amount: \$2,640

Investigators and Agency Representative:

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Investigator: Judson Finley, Assistant Professor, Utah State University, Address - USU Logan Campus, OM 245F, 0730 Old Main Hill, Logan UT 84322-0730, Phone - (435) 797-9621
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Project Abstract: The project will assist Dinosaur National Monument in digitizing archaeological based maps and create an archaeological sites database using a Microsoft Access format. The Utah IMACS form developed for use at Dugway Proving Grounds will be used to record archeological sites data. Using these forms the site locations will be converted to shapefiles for permanent management in a geographical information system. The USU Anthropology program, Spatial Data Collection, Analysis, and Visualization (SDCAV) laboratory will create and provide a large format maps.

Utah State University provides substantial contribution to the project in several ways. The USU anthropology program houses the Spatial Data Collection, Analysis, and Visualization (SDCAV) laboratory, which is directed by project co-PI Molly Cannon. Dr. Cannon is a specialist in data management, visualization, and remote sensing techniques. The SDCAV will provide a large format map scanner and lap top computer with ESRI ArcGIS and Microsoft Access software for the proposed work, which will be conducted by USU anthropology graduate student Elizabeth Hora-Cook. Dr. Cannon will provide technical assistance for the database creation and management.

Final products will include:

- 1) Digitized archeological base map
- 2) Hard copy large format base maps

Outcomes with Completion Dates:

Final Report - September 30, 2015

Keywords: Dinosaur National Monument, Utah State University, archeological maps