

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Create a GIS database for all known archeological and historic resources at BICA

Discipline: Cultural
Type of Project: Education/Technical Assistance
Funding Agency: National Park Service
Other Partners/Cooperators: University of Wyoming, Northwest College
Effective Dates: 6/1/2011 - 5/31/2013
Funding Amount: \$5,000

Investigators and Agency Representative:

NPS Contact: Cassity Bromley, Chief of Resources, 20 Highway 14A East, Lovell WY 82431, (307) 548-5416, cassity_bromley@nps.gov

Investigator: Robert Kelly, Department of Anthropology, University of Wyoming, Laramie, WY, 82071; (307) 766-3135; rlkelly@uwyo.edu

Project Abstract: The purpose of this agreement is to have a student assist in creating a number of GIS layers associated with different cultural resource information at Bighorn Canyon NRA, such as but not limited to archeological sites, isolates, survey area, historic resources, NAGPRA. UWY/Northwest college will provide an intern to create a coherent and comprehensive GIS data management plan and implement it through the creation of a GIS database consisting of cultural resource data (eg: archeological sites, isolates, survey area, historic resources, NAGPRA). This would need to happen in accordance with NPS GIS standards and direction from BICA cultural resource staff.

Once these layers are created, the student would begin to populate those layers with information from various sources including, but not limited to: site records, project files, project reports, old GIS data. The intern would also be responsible for creating an index to the different layers for management purposes. The student intern will gain valuable professional experience in the NPS and the integration of geospatial technology into NPS missions and activities. The student will also gain essential experience in the geospatial technology profession to support career goals.

Outcomes with Completion Dates: March 31, 2013

Keywords: GIS, archeological and historic resources, Bighorn Canyon NRA, University of Wyoming, Northwest College