Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Intermountain Region Geographic Resources Division (GRD) GIS Internship

Discipline: Interdisciplinary
Type of Project: Technical Assistance/Education
Funding Agency: National Park Service
Other Partners/Cooperators: University of Colorado at Denver
Effective Dates: 1/15/2010 – 5/31/2017
Funding Amount: $134,641 (FY13: $15,089; FY12: $14,278; FY11: 78,274; FY10: $27,000)

Investigators and Agency Representative:
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Project Abstract:
The University agrees to:
a. Provide students to work part-time in support of NPS Intermountain Region GIS activities. These students shall work part-time for at least 2 semesters and one summer term.
b. Provide support, utilizing students, to senior GIS staff including digitizing, image rectification, maps layouts and production, writing and updating GIS Plans, GPS support and possible staff training, and basic GIS analysis for specified NPS Intermountain Region GIS projects – specifically at CAVO, BEOL and SAND.
c. Perform data management tasks in support of metadata collection.
d. Provide metadata collection for existing GIS data themes across the Intermountain Region. Metadata shall be FGDC compliant and searchable from FGDC Clearinghouses.
e. Provide metadata collection for in-work and planned GIS data themes across the Intermountain Region. Metadata shall be FGDC compliant and searchable from FGDC Clearinghouses.
f. Hire student employees to work on NPS tasks identified in the agreement. Hiring will be conducted in consultation with the NPS Key Officials.
g. Pay student employees for hours they have worked in support of the agreement.
h. Take necessary disciplinary action to correct student employee conduct or performance problems. NPS Key Officials shall inform the University of any conduct or performance problems.
i. Remove student employees from position if they fail to improve performance or address conduct issues.
j. Provide briefings based on need. At the beginning of the tasks it may be necessary to have monthly updates but as the year progresses, quarterly briefings will be adequate.
k. Travel as necessary for data collection. University agrees to reimburse students for travel activities, including, mileage, lodging, and per diem at National Park Service approved rates.
The National Park Service agrees to:
a. Provide space and equipment for students to conduct GIS activities including digitizing, data inventory, and metadata collection.
b. Provide consultation, advice, and assistance from NPS Intermountain Geographic Resources Program.
c. Provide necessary training in various computer operating systems, GIS languages, and metadata collection software packages.
d. Provide overview of the NPS, its mission and internal programs and how GIS interrelates and supports this mission.
e. Provide quality control review of collected data and metadata and will post approved metadata to NPS GIS web site.
f. Work collaboratively with the University on the hiring of student employees.
g. Train and motivate student employees to perform work assignments.
h. Oversee, review and provide feedback to student employees regarding work assignments.
i. Coach and counsel student employees regarding work practices, quality issues, timeliness, and absenteeism.
j. Inform University of conduct or performance problems with student employees so that University can counsel student employees.
k. Recommend to University dismissal of student employees based on conduct or performance issues.

Outcomes with Completion Dates: Data delivery and map production created for NPS projects throughout the agreement.

Keywords: National Park Service, Intermountain Region, University of Colorado at Denver, GIS, student interns