# Project Summary
# Rocky Mountains Cooperative Ecosystem Studies Unit

**Project Title:** GIS technical support for NPS Intermountain Region Geographic Resources Program

**Discipline:** Interdisciplinary
**Type of Project:** Technical Assistance
**Funding Agency:** National Park Service
**Other Partners/Cooperators:** Colorado State University
**Effective Dates:** 9/30/2009 – 6/1/2014
**Funding Amount:** $419,286 [FY10: $148,000; FY09: 271,286 (also funded in FY06: $73,096; FY07: $122,924; FY08: $179,368)]

**Investigators and Agency Representative:**
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**Project Abstract:**
**The University agrees to:**
a. Provide Research Associate to work full-time in support of NPS Intermountain Region GIS activities.
b. Provide support, utilizing Research Associate, to senior GIS staff including digitizing, image rectification, maps layouts and production, and basic GIS analysis for specified NPS Intermountain Region GIS projects.
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 Research Associate employees to work on NPS tasks identified in the agreement. Hiring will be conducted in consultation with the NPS Key Officials.
g. Pay Research Associate employees for hours they have worked in support of the agreement.
h. Begin work on above items on or about the Date of Project Initiation mentioned in Project Cover Sheet.
i. 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 should be adequate.
j. Travel as necessary for GIS technical support. University agrees to reimburse Research Associate for travel activities, including, mileage, lodging, and per diem at Colorado State University approved rates. Due to limited travel funding, Research Associate may be required to ride in government vehicles instead of getting there own rental vehicle to economize on overall travel costs. Travel may include trips to ESRI User Conferences in San Diego, CA and Intermountain Region Parks.

**The National Park Service agrees to:**
a. Provide space and equipment for Research Associate to conduct GIS activities including digitizing, data inventory, and metadata collection.
b. Provide consultation, advice, and assistance from NPS Intermountain Geographic Resource Information Management Team.
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 Research Associate employees.
g. Train and motivate Research Associate employees to perform work assignments.
h. Oversee, review and provide feedback to Research Associate employees regarding work assignments.

**Outcomes with Completion**
GIS technical support which may include data management, data collection, data analysis, Internet Map Server application support and map production – due June 1, 2014

**Keywords:** GIS, technical support, NPS-Intermountain Regional Office, Colorado State University