

Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Cooperative GIS Internship with the NPS Intermountain Region

Discipline: Interdisciplinary

Type of Project: Education/Technical Assistance

Funding Agency: National Park Service

Other Partners/Cooperators: Colorado State University

Student Participation: Yes, GIS interns

Effective Dates: 3/1/2017 to 5/13/2018

Funding Amount: \$22,544

Investigators and Agency Representative:

NPS Contact: Paul Voris, Intermountain Region IT Specialist, National Park Service, 12795 W. Alameda Parkway, Denver, Colorado 80225, ph 303-987-6708, Paul_Voris@nps.gov

Investigator: Melinda Laituri, Colorado State University, 112A Natural Environmental Science Building, Fort Collins, CO 80523-1476, Tel: (970) 491-0292; fax (970) 491-1965; melinda.laituri@colostate.edu

Project Abstract: The Intermountain Region Geographic Resources Division would like to develop a quality internship program in conjunction with the Colorado State University Geospatial Centroid to support a variety of high priority national park Geographic Information Systems (GIS) projects. The projects will cover a variety of park GIS needs including data creation and management, geographic analysis, web mapping development, and production of educational materials.

The CSU Geospatial Centroid will provide student interns that have professional and/or classroom GIS experience ideally with an interest or background in resource and land management. The students will work closely with the NPS Intermountain Region Geographic Resources Division to support GIS projects at parks across the region. The projects will be determined by CSU and NPS based on the skills of the intern, student research interests, and high priority park needs.

These internships will provide each student with valuable professional experience related to GIS and land management. Students will be exposed to the integration of geospatial technology and how it informs and drives the NPS mission and related activities. The students will also gain essential experience in the geospatial technology profession to support their future career goals.

Keywords: GIS, student interns, National Park Service, Intermountain Region, Colorado State University