Project Completion Report
Rocky Mountains Cooperative Ecosystem Studies Unit (RM-CESU)

Project Title: GIS Technical Support for NPS Natural Resource Condition Assessments

Project Code: J1242090305, CSURM-169

Type of Project: Technical Assistance

Funding Agency: National Park Service

Partner University: Colorado State University

NPS Agreement Technical Representative (with complete contact information):
Darcee Killpack, NPS Intermountain Region Geographic Resources Program, PO Box 25287, Denver, CO 80225; 303-987-6708, Darcee_Killpack@nps.gov

Principal Investigators (with complete contact information):
Jim Loftis, A207J Engineering Building; Colorado State University; Fort Collins, CO 80523-1372, Tel: (970)491-2667; fax: (970) 491-7727; loftis@engr.colostate.edu

Start Date of Project: September 30, 2009

End Date of Project: June, 30, 2014

Funding Amount: $196,404

Project Summary:
CSU provided a Research Associate to work with NPS on Natural Resource Condition Assessments for Intermountain Region parks. The Research Associate worked with NPS Inventory and Monitoring ecologists, biologists, and research staff to determine GIS needs for the Assessments, including reviewing existing GIS data, analyzing data, and developing products for the final Assessment reports. In particular the Associate provided support in data mining, data preparation, data compilation, data analysis, data management and data distribution. The Associate also provided support to senior GIS staff including digitizing, image rectification, maps layouts and production, and GIS analysis for specified NPS Intermountain Region NRCA projects.

Number of students participating in this project: undergraduates, graduate students, degrees conferred.
1 post-graduate student participated in this project.

Lessons Learned from this project:
This agreement provides a mutual benefit to the NPS and CSU. Research Associates with CSU are able to better understand how GIS is integrated into NPS and Park activities and management while providing greater support to the Parks through GIS training, data creation, and data management.