

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

Project Title: Technical assistance for the Upper Columbia Basin Network including database development, GIS, and science communication

Project Code: J2126100009; UID-29

Type of Project: Technical Assistance

Funding Agency: National Park Service

Partner University: University of Idaho

NPS Agreement Technical Representative: Gordon Dicus, Program Manager, NPS Upper Columbia Basin Network, 105 E. Second St, Ste 5, Moscow ID 83843, 208-885-3684, Gordon_Dicus@nps.gov

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Start Date of Project: July 1, 2010

End Date of Project: December 31, 2013

Funding Amount: \$170,385

Project Summary, Development of project databases to facilitate the collection and storage of long-term monitoring data; of GIS tools and products to support data collection, analysis, and reporting efforts; and communication of monitoring results in reports, posters, and websites.

Products resulting from this project are available online at <http://science.nature.nps.gov/im/units/ucbn/index.cfm> (particularly on the aspen, osprey, and sagebrush-steppe monitoring pages).

Number of students participating in this project: Three graduate students participated in this project, with all three completing Masters of Science degrees.

Lessons Learned from this project: Accurate GIS data is critical to development of sampling frames. Database applications need to remain flexible to accommodate data collection refinements and evolving data summary needs. Communication of results is best accomplished using various delivery tools (1-page briefs, reports, posters, webpages, and videos).

Other RM-CESU agencies or research partners who participated in this project: None.