

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

Project Title: Rocky Mountain Inventory and Monitoring Network Climate Change Resource Briefs

Project Code: J2146107009 CSURM-202

Type of Project: Education

Funding Agency: National Park Service

Partner University: Colorado State Univ.

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Start Date of Project: July 1, 2010

End Date of Project: June 30, 2012

Funding Amount: \$17,625

Project Summary, including descriptions of products, work accomplished and/or major results. If the information is restricted (e.g. location of endangered species or cultural resources), indicate the title and location of the final report. Also add web sites where project-related information may be found.

This project resulted in 12 “resource briefs” on climate change for the region. Six of the briefs focused on the six ROMN parks (Glacier National Park (GLAC), Grant-Kohrs Ranch National Historic Site (GRKO), and Little Bighorn Battlefield National Monument (LIBI), Montana; and Florissant Fossil Beds National Monument (FLFO), Great Sand Dunes National Park and Preserve (GRSA), and Rocky Mountain National Park (ROMO), Colorado. They include information on the most important resources and ecological processes for each park and likely climate changes and ecological responses.

Another six “resource briefs” focus on a specific ecological process or community and describe what is known and projected under likely climate change scenarios for the region.

Number of students participating in this project: No students participated in the project

Lessons Learned from this project. Close cooperation and good communication are necessary in a project of this nature. It was helpful to base the development of these briefs on our peer-reviewed synthesis of climate change and likely ecological responses in the region.