

Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Inventorying and Monitoring Natural Resources Status and Trends in the National Park System – Geologic Resources Inventory

Discipline: Natural
Type of Project: Technical Assistance
Funding Agency: NRSS Geologic Resources Division
Other Partners/Cooperators: Colorado State University
Student Involvement: Yes, student interns
Effective Dates: 8/24/2017 – 2/28/2019
Funding Amount: \$1,193,999

Investigators and Agency Representative:

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Project Abstract:

The U.S. Congress recognized the critical public need for and utility of geologic mapping of the nation's lands and established the National Cooperative Geologic Mapping Act (NCGMP) in 1996 (renewed in 2010) for the U.S. Geological Survey to administer. The Geologic Resources Inventory (GRI) Program provides funding to numerous entities to produce necessary maps for the National Park System and, through this cooperative agreement, provides geologic data to park resource managers and the public via both the GRI website and the NPS Integrated Resource Management Applications (IRMA) portal. The Geologic Resources Inventory delivers to parks and makes available to the general public 1) summaries of on-site, geologic-themed scoping meetings 2) a digital geologic map in a Geographic Information System and 3) a comprehensive geologic report.

Keywords: Geologic Resources Inventory, Colorado State University, USGS, digital geologic maps, GIS