

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 Inventory and Monitoring Division

Other Partners/Cooperators: Colorado State University

Student Involvement: Yes, student interns

Effective Dates: 09/01/2015 - 03/30/2017

Funding Amount: \$773,000

Investigators and Agency Representative:

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Investigator: Dr. Judith Hannah, Professor of Geology, Dept. of Geosciences, Colorado State university, Fort Collins, CO 80523; (970) 491-1329; jhannah@colostate.edu

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.

Outcomes with Completion Dates:

Final report - March 30, 2017

Keywords:

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