

**Project Title:** Continuation of Geologic Resources Inventory Program to Support NPS Geologic Resource Management

**Take Agreement#:** P19AC01111  
**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:** 9/7/2019 – 12/31/2021  
**Funding Amount:** \$1,600,000

**Investigators and Agency Representative:**

NPS Contact: Jason Kenworthy, Geologist, National Park Service, Geologic Resources Division, PO Box 25287, Denver, CO 80225; (303) 987-6923; Jason\_Kenworthy@nps.gov

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 purpose of this agreement is to continue progress toward providing Geologic Resources Inventory products to more than 270 National Park Service (NPS) areas that are part of the National Park Service Inventory and Monitoring (I&M) Program. The Geologic Resources Inventory (GRI) is one of 12 baseline inventories considered essential by the NPS I&M Program. The GRI provides the baseline geologic resource inventory information described in NPS Director's Order 77 to park managers and the public via the following 3 products: (1) A park specific scoping meeting bringing together local geologic experts and park staff to discuss a plan for producing a digital geologic map, as well as significant geologic features and processes, and geologic resource management issues facing park staff; (2) A digital geologic map, and; (3) A comprehensive geologic report. As of the end of fiscal year 2018, all 270 parks have been addressed by a scoping meeting, 265 parks had received a Geologic Resources Inventory map product, and 175 parks had received a Geologic Resources Inventory report. Funded under the Natural Resource Challenge and managed by the NPS Geologic Resources Division (GRD), the GRI Program is a collaborative effort between the NPS and Colorado State University (CSU) to develop GRI products described above. CSU research associates and student interns fall into three categories: those contributing to the GIS/mapping component of the GRI, those contributing to the report writing and editing components of the GRI, and a GIS specialist/geographer responsible for integrating the GIS/mapping component into an easily utilized, geologic map poster to be included with the report.