

Rocky Mountains Cooperative Ecosystem Studies Unit  
Project Summary

**Project Title:** Assess Quaternary Geomorphology and Stratigraphy of Florissant Fossil Beds National Monument

**Discipline:** Natural

**Type of Project:** Technical Assistance and Education

**Funding Agency:** National Park Service

**Other Partners/Cooperators:** The Regents of the University of Colorado

**Student Participation:** Yes, Graduate

**Effective Dates:** July 1, 2020 - July 31, 2022

**Funding Amount:** \$20,000

**Investigators and Agency Representative:**

NPS ATR: (Technical Expert)- Dr. Herb Meyer, Paleontologist, Florissant Fossil Beds National Monument, P.O. Box 185, Florissant, CO 80816, Phone 719-748-3253 ext. 501, Herb\_Meyer@nps.gov

Investigator: Robert S. Anderson, Professor of Geological Sciences, INSTAAR and Department of Geological Sciences, CU Boulder, CUB 450, Boulder, CO 80309, Phone: 303-895-7627, fax: 303-492-6388, Robert.s.anderson@colorado.edu

**Project Abstract:**

Project Goals – This project will identify and inventory Quaternary geomorphic features and stratigraphic units within the monument. The project will generally evaluate these Quaternary geomorphic features in the context of the monument’s mission to “preserve and protect paleontological, geological, and scenic resources; providing for scientific research and interpretation leading to public understanding and stewardship of these significant resources.”

Project Objectives – The objective of the project is to inventory and map Quaternary geomorphic and stratigraphic features within the core area of the monument, and to assess resource risk factors that could result from future disturbances or climate change. This will be accomplished by field mapping, assessment, and scientific interpretation of these features, and preparation of a map and report.