

Rocky Mountains Cooperative Ecosystem Studies Unit  
Project Summary

**Project Title:** Bison Spatial Ecology in Grand Canyon National Park

**Discipline:** Natural

**Type of Project:** Research

**Funding Agency:** National Park Service

**Other Partners/Cooperators:** Colorado State University

**Student Participation:**

**Effective Dates:** 1/27/20 - 12/31/2022

**Funding Amount:** \$ 17,151

**Investigators and Agency Representative:**

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**Project Abstract:**

Project Goals – To use spatial data obtained from radio collars on bison to better understand how bison use the Kaibab Plateau landscape. We aim to better understand if there are certain features they select for, to determine how that varies seasonally or by sex, and to look at how fire management might affect that.

Project Objectives – In the short term we hope to identify range use of bison across the Kaibab Plateau, particularly within Grand Canyon National Park. We also hope to identify the most used areas to evaluate effects of bison. We hope to learn more about migratory corridors of the bison especially between seasonal ranges.