

Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Task Agreement #: G20AC00406

Project Title: Ecological Statistics to Improve Whitebark Pine Monitoring in the Western U.S.

Discipline: Natural

Type of Project: Research

Funding Agency: United States Geological Survey

Other Partners/Cooperators: Montana State University

Student Participation: No

Effective Dates: 08/24/2020 05/31/2022

Funding Amount: \$76,429.00

Investigators and Agency Representative:

Agency Contact: Kathryn M Irvine; Northern Rocky Mountain Science Center; 2327 University Way, Suite #2; Bozeman, MT 59715; kirvine@usgs.gov; (406)994-7492

Investigator: Katharine Banner, Assistant Professor; Department of Mathematical Sciences; Montana State University; Bozeman, MT 59717 ;Phone: (406) 994-5367; katharine.banner@montana.edu

Project Abstract:

Project goals: The goal of this project is to explore a Bayesian decision analysis, potential application of Bayesian multi-state model for estimating transition probabilities, or other options deemed potential to improve the information to managers tasked with preserving this iconic species.