

Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Task Agreement #: G20AC00431

Project Title: Modeling the Effect of White-nose Syndrome Mitigation Decisions on Cave Hibernating Myotis Species

Discipline: Natural

Type of Project: Research

Funding Agency: United States Geological Survey

Other Partners/Cooperators: Colorado State University

Student Participation: No

Effective Dates: 09/15/2020 06/14/2021

Funding Amount: \$40,258.37

Investigators and Agency Representative:

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Investigator: William Kendall; Assistant Unit Leader Colorado Cooperative Fish and Wildlife Research Unit ;Assistant Professor, Fish Wildlife and ; Conservation Department; Colorado State University Fort Collins, CO 80523 ;William.Kendall@colostate.edu

Project Abstract:

Project goals: The objectives of this project, in close collaboration with research personnel at USGS National Wildlife Health Center, are to:

- 1) Simulate the consequences of candidate combinations of management actions (for example vaccinating and UV light), including pertinent remaining uncertainties in the efficacies of treatment options and bat biology;
- 2) Develop a visualization tool to assist managers with decision making in the face of uncertainty based on the developed model.