

Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Greater Sage Grouse Winter Concentration Area Habitat Delineation

Discipline: Natural
Type of Project: Technical Assistance/Research
Funding Agency: Bureau of Land Management
Other Partners/Cooperators: University of Wyoming
Effective Dates: 9/17/2017 - 9/16/2022
Funding Amount: \$249,000

Investigators and Agency Representative:

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Project Abstract: The principal purpose of this cooperative agreement is to encourage restoration and protection of crucial wildlife habitat on the public lands, specifically encouraging activities aimed at obtaining an improved understanding of ecosystem health for greater sage-grouse on public lands, including an understanding of sage-grouse seasonal habitat use through activities aimed at supporting cooperative development of a resource selection function model and cooperative effort that delineates any identified winter concentration areas in Wyoming. Objectives of the project include:

- Collection and Review of existing data and information to determine adequacy for addressing the delineation process;
- Identification of additional data needs and estimating data gathering work needed to supplement or further inform this data for resource selection function model development and winter concentration areas delineation across Wyoming;
- Collaborative collection of new data to ensure adequacy of final data inputs contributing to resource selection function model development and requirements;
- Collaborative development of resource selection function model;
- Facilitate effort in delineating identified winter concentration areas with appropriate partners;
- Supplemental modeling efforts, as needed, to inform existing data gaps deemed necessary to complete resource selection function model and to delineate identified winter concentration areas in Wyoming.

Keywords: University of Wyoming, Bureau of Land Management, Greater Sage Grouse