

**Project Summary**  
**Rocky Mountains Cooperative Ecosystem Studies Unit**

**Project Title:** Greater Sage Grouse Seasonal Habitat Assessment and Modeling

**Discipline:** Natural  
**Type of Project:** Technical Assistance/Research  
**Funding Agency:** Bureau of Land Management  
**Other Partners/Cooperators:** University of Waterloo  
**Effective Dates:** 9/18/2017 - 9/17/2020  
**Funding Amount:** \$150,000

**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. Objectives of the project include:

- Development of a study plan to address an approach, and effective implementation of that approach, to greater sage-grouse habitat assessment, including an emphasis on sagebrush focal areas and priority habitat management areas on public lands within the area of Wyoming's BLM Rock Springs Field Office;
- Assessment of factors related to the suitability of sage-grouse habitat within sagebrush focal areas and priority habitat management areas on public lands within the area of Wyoming's BLM Rock Springs Field Office;
- Assessment of factors influencing functional connectivity, seasonal movement and population dynamics of greater sage-grouse within sagebrush focal areas and priority habitat management areas on public lands within the area of Wyoming's BLM Rock Springs Field Office;
- Delineate and model greater sage-grouse seasonal habitat within sagebrush focal areas and priority habitat management areas on public lands within the area of Wyoming's BLM Rock Springs Field Office.

**Keywords:** University of Wyoming, Bureau of Land Management, air quality, assessment, outreach