

## **Project Summary**

### **Rocky Mountains Cooperative Ecosystem Studies Unit**

**Project Title:** Integrating Across Seasons and Species in Wyoming

**Discipline:** Natural  
**Type of Project:** Research  
**Funding Agency:** USGS  
**Other Partners/Cooperators:** Colorado State University  
**Effective Dates:** 9/9/2014 - 9/8/2019  
**Funding Amount:** \$20,000

**Investigators and Agency Representative:**

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**Project Abstract:** This research will identify priority sage-grouse areas by integrating across all three life stages and identify levels of habitat connectivity across the state. Finally, this research will serve as a test-case and framework for more expansive research that will incorporate multiple species and begin identifying multi-species priority areas for preservation and restoration. These efforts are fundamental to inform and guide well-designed mitigation efforts.

Objectivities of this project include:

1. Explore and assess multiple approaches to site prioritization.
2. Develop annual habitat prioritization for sage-grouse in Wyoming.
3. Assess habitat connectivity.

**Outcomes with completions dates:** September 8, 2019

**Keywords:** sage grouse, habitat connectivity, preservation, restoration, USGS, University of Waterloo