

## **Project Summary**

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

**Project Title:** Mitigation and Restoration Design for Wyoming: Making Connections between Habitat, Disturbance, Restoration, and Resource Economics

**Discipline:** Natural  
**Type of Project:** Research  
**Funding Agency:** USGS  
**Other Partners/Cooperators:** Colorado State University  
**Effective Dates:** 9/1/2014 - 8/31/2019  
**Funding Amount:** \$141,300

**Investigators and Agency Representative:**

USGS Contact: Zachary Bowen, USGS Fort Collins Science Center, 2150 Centre Ave, Bldg C, Fort Collins, CO 80526; 970-226-9218; bowenz@usgs.gov

Investigator: Cameron Aldridge, Colorado State University, 1499- Natural and Environmental Sciences, Fort Collins, CO 80523; 970-226-9433; Cameron.Aldridge@ColoState.edu

**Project Abstract:** The goal of this project is to develop a informed picture of Wyoming landscape (statewide) based on current distribution of sage-grouse and their seasonal habitats, then to develop relationships between influences on (predictors of) habitat conditions, restoration practices and potential to alter negative influences, implications for wildlife habitats, and finally to relate and apply these components to prioritize locations for conservations and mitigations.

**Outcomes with completions dates:** August 31, 2019

**Keywords:** Wyoming, sage grouse, seasonal habitats, preservation, restoration, USGS, Colorado State University