

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

Task Agreement #: L20AC00107

Project Title: WY Sage-grouse studies in north eastern Wyoming

Discipline: Natural

Type of Project: Technical Assistance/Research

Funding Agency: Bureau of Land Management

Other Partners/Cooperators: UNIVERSITY OF WATERLOO

Student Participation: No

Effective Dates: 06/16/2020 to 08/31/2023

Funding Amount: \$316,000.00

Investigators and Agency Representative:

Agency Contact: Darren Long, dlong@blm.gov

Investigator: Brad Fedy, bfedy@uwaterloo.ca

Project Abstract:

Project objectives: North Eastern Wyoming is an important region for Greater sage-grouse and the birds in the region represent a critical population for the maintenance of population health in multiple neighboring states (e.g., Montana and the Dakotas). This population experiences many threats to continued persistence including disease, habitat disturbance, fire, invasive species, and novel predators. Population is at substantial risk of extirpation and the loss of this population would have major implications for the health of the entire Wyoming population. Research aims to address three of the most urgent management issues. These issues are broadly categorized as (1) Connectivity of populations and habitats; (2) Winter habitat use and the influence of weather; and (3) Predator distribution and abundance.