

Rocky Mountains Cooperative Ecosystem Studies Unit  
Project Summary

**Project Title:** Enhancing Strategic Invasive Annual Grass Management in the West

**Discipline:** Natural

**Type of Project:** Research and Education

**Funding Agency:** U.S. Fish and Wildlife Services

**Other Partners/Cooperators:** Sheridan Research & Extension Center, University of Wyoming

**Student Participation:** No

**Effective Dates:** 09/30/2020 – 09/30/2022

**Funding Amount:** \$150,000

**Investigators and Agency Representative:**

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**Project Abstract:**

This program will provide a region-wide, rather than piecemeal and site specific, assessment of ecological/community impacts of invasive grasses and benefits associated with their management in an effort to assist in landscape-scale prioritization and proactive management efforts in the western U.S. Objectives will include the following: aggregate existing data sets (published and not published by project partners) to statistically assess invasive grass impacts to desirable vegetation across a broad section of the west; conduct a comprehensive analysis of existing data sets (published and not published by project partners) to evaluate effects of multiple management actions on invasive grasses and desirable vegetation; and develop a decision flow chart and applied electronic decision support tool for landowners and land managers to aid in prioritization of invasive grass treatments with high potential of conserving valuable native plant communities of importance to diverse wildlife species.