

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

**Project Title:** Documenting Community Responses to Management Actions: Landscape-scale Eradication of an Invasive Predator to Recover T&E Species

**Discipline:** Social  
**Type of Project:** Technical Assistance/Research  
**Funding Agency:** USGS  
**Other Partners/Cooperators:** Washington State University  
**Student Participation:**  
**Effective Dates:** 10/01/2016 - 09/30/2021  
**Funding Amount:** \$19,740.00

**Investigators and Agency Representative:**

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**Project Abstract:** In goal of this project is to assist in accurate detection of threatened and invasive aquatic species in this southern Arizona system during bullfrog eradication efforts. This work will inform management efforts and contribute to our understanding of changes in species assemblages during eradication efforts.

The project will be carried out in close partnership with USGS researchers during all activities. USGS scientists will work with the CESU partner and students to develop study plans, collect data, and perform analyses. Close collaboration between the CESU partner and the USGS researchers will ensure understanding of standard operating procedures, historic consistency of sample collection methods and routines, and that permitting requirements are followed when working near federally listed species. Together, the USGS and CESU scientists and students will develop or implement existing sampling protocols, sampling designs, and analyses. Sharing and dissemination of data will follow USGS guidelines for data management and peer review, and will be done in a collaborative manner.

**Keywords:** Bullfrog, invasive predator, eradication, community response, USGS, Washington State University