

Rocky Mountains Cooperative Ecosystem Studies Unit  
Project Summary

**Project Title:** Predicting Siberian Elm Invasion in Comparison to Tamarisk and Russian Olive Invasions in Western USA Riparian Ecosystems Using Habitat Suitability Modeling

**Task Agreement #:** G18AC00307

**Modification(s):**

**Discipline:** Natural

**Type of Project:** Research

**Funding Agency:** USGS

**Other Partners/Cooperators:** Colorado State University

**Student Participation:**

**Effective Dates:** 9/1/2018– 8/31/2019

**Funding Amount:** \$46,060

**Investigators and Agency Representative:**

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Investigator: Leroy Poff, Colorado State University Fort Collins, CO; poff@lamar.colostate.edu

**Project Abstract:** The goal of this research is to build a habitat suitability model for Siberian elm using the SAHM program. In addition, to update existing habitat suitability models for tamarisk and Russian olive with more recent environmental and distribution data, so that it can compare the spatial extent and overlap of potential distributions of the three invaders.