Project Title: Using Improved Hydrology Metrics to Model Occurrence and Abundance of Tamarisk, Russian Olive, and Siberian Elm in the Western USA

Task Agreement #: G19AC00392   **Modification(s):**
Discipline: Natural
Type of Project: Research
Funding Agency: USGS
Other Partners/Cooperators: Colorado State University
Student Participation:
Effective Dates: 9/15/3019 – 9/14/2020
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Investigators and Agency Representative:
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Project Abstract: Research objectives include: (1) develop habitat suitability models for tamarisk, Russian olive, and Siberian elm abundance using the SAHM program, (2) improve existing and in-production habitat suitability models of tamarisk, Russian olive, and Siberian elm occurrence, and (3) calculate GIS raster layers for streamflow hydrology, water management, and relative topographic position across the western USA to improve habitat suitability modeling of riparian and wetland species.