

Watershed Management Group

Position Description



Position Title: Restoration Ecology Intern

Co-Supervisors: Catlow Shipek, Sr. Program Director & Becky Fitzpatrick, Restoration Ecology Project Manager

Start Date: August 2024 through May 2025

Summary: The Restoration Ecology intern will be part of the team working primarily on WMG's Beaver Restoration Initiative and Release the Beavers Campaign. Our goal is to restore the ecological and cultural role of beaver in the binational San Pedro and Santa Cruz Basins in Arizona and Sonora, Mexico. The intern will play an integral role in updating the methodology and implementing a binational beaver survey in the fall/spring. They will help WMG expand its work to engage a diverse public, collaborate with other non-profit organizations, public agencies and private landowners, including partners in Mexico. The Restoration Ecology intern will also assist WMG restoration staff with other restoration efforts including *Arundo donax* removal and revegetation efforts along Tanque Verde Creek, and beaver-related restoration in Las Cienegas National Conservation Area. WMG is expanding our efforts to limited-income, BIPOC, and LGBTQ+ communities, and seeks an intern who is part of and/or able and interested in engaging with these populations.

Duties & Responsibilities:

- Update beaver survey methodology based on lessons learned from past surveys and train survey participants in using Survey123 to collect data – either in English or Spanish
- Co-organize community science field trips to conduct surveys in the fall in both Arizona and Sonora, Mexico
- Lead small volunteer groups in survey reaches along the San Pedro River
- Update and maintain a database of individuals, organizations, companies & agencies involved in beaver-related work, including those that trap and relocate or euthanize beavers as well as private property owners willing to accept relocated beavers
- Organize data from the annual beaver population survey of the San Pedro and Santa Cruz Rivers and help present and share back results in a report
 - Assist in sharing data through ARCGIS Online platform as well as WMG's website
 - Write up results and methodology in annual beaver survey report and publish report
 - Assist with community education events related to the Release the Beavers campaign
 - Assist with partner networking to build support of Release the Beavers campaign.
 - Attend River Run Network and Release the Beaver team meetings
- Assist WMG restoration staff with *Arundo* removal and revegetation restoration including associated project documentation and monitoring.
- Assist WMG restoration staff with Las Cienegas National Conservation Area restoration efforts
- Other duties related to restoration that may arise.

Job Requirements

- Interest and support of WMG's mission
- Ability to engage with diverse communities and build relationships built on trust and understanding
- Ability to work independently
- Excellent communication and writing skills
- Promptness and sound organizational skills
- Proficient in Google Docs, Microsoft Office Suite, and social media

Preferred Requirements

- ArcGIS Pro and ArcGIS Online (i.e Survey123) experience helpful
- Experience with natural resources-based field work
- Diversity, Equity, and Inclusion work experience or training
- Ability to conduct physically challenging field surveys