Field Technician at Great Basin Institute

Company Name: Great Basin Institute

Website: https://www.thegreatbasininstitute.org/

Title: Field Technician

Location: Winnemucca, NV

Description: The Great Basin Institute is working cooperatively with the Bureau of Land Management Winnemucca District Office to inventory naturally occurring springs in the district to support water right adjudications, grazing permit renewals, sage grouse management, and other management concerns. One Field Technician will be hired to support field efforts such as conducting meadow, spring, and water quality inventories, including collection of qualitative and quantitative data on riparian habitat characteristics. Technician will also map riparian areas using Trimble units and ArcGIS technology. The Technician will utilize a wide variety of field equipment, including but not limited to v-notch weir, digital camera, portable water quality meter, laser rangefinder, and standardized field forms. Office tasks include planning field work locations using ArcGIS software, transferring and processing data from GPS using ArcMap, writing summary reports, and assisting the District Hydrologist with other duties. Project-related duties comprise approximately 20% office tasks and 80% field activities. Extensive travel across the district and field camping for up to four nights per week is required.

Minimum Qualifications: Bachelor’s Degree in Physical or Ecological Sciences (such as Environmental Science, Ecology, Hydrology, Rangeland Management or related subject) or a combination of experience and education, with minimum of 3 years of undergraduate education leading to a Bachelor’s Degree;
- Experience in water quality data collection and/or landscape/habitat assessments;
- Experience using hand-held GPS equipment for data collection and navigation;
- Ability to read and navigate using topographic maps and a compass;
- Working knowledge of creating maps using ArcGIS and experience processing GPS/GIS data;
- Willingness and ability to work in harsh and variable desert conditions, including extreme temperatures, independently or as part of a team;
- Ability to communicate effectively, both written and orally, with a diverse audience;
- Ability to work in teams or independently and be self-motivated both in the office and in the field with little supervision;
- Ability to plan, organize, and prioritize work assignments;
- Willingness to camp in remote, undeveloped sites for multiple days; and
- Possess a valid, state-issued driver’s license and familiarity safely operating 4WD vehicles on- and off-road.

Successful applicant(s) must complete a Department of Interior (DOI) Background Investigation (BI) or submit paperwork to BLM human resources indicating an active and fully adjudicated BI has already been completed prior to beginning position.