

**UTAH GEOLOGICAL SURVEY
Position Announcement**

Title: Geological Technician – Wetlands
Work Location: Salt Lake City, UT
Pay Rate: \$15.50/hour plus \$43 per diem for overnight travel
Closing Date: July 18, 2021
Employment Period : Approximately September 2021 to April 2022, with flexible start date and possible extension

Position Description: The Utah Geological Survey (UGS) seeks a full-time wetland technician to assist with several wetland mapping projects throughout the state. Primary duties will include interpreting aerial imagery to identify, classify, and digitize wetland boundaries in ArcGIS with occasional field surveys to validate mapping. This person may assist with other wetland and groundwater research projects as needed, such as collecting hydrologic data in the field, evaluating spatial data to validate montane wetlands, and performing data entry and QA/QC. After eight months, the incumbent may have the opportunity to stay on as part of a crew conducting field work throughout the summer of 2022 or may continue mapping, depending on experience and funding. This position is a great opportunity to learn wetland ecology, develop GIS expertise, and gain exposure to a broad variety of wetland and groundwater research.

Ideal applicants will have (1) experience or coursework with wetlands or other aquatic systems , (2) experience or coursework with ArcGIS, and (3) experience conducting fieldwork in remote or challenging conditions. The position will be primarily office-based with flexible schedule options, though the incumbent will be expected to work approximately 40 hours per week The position is based out of Salt Lake City and housing is not provided.

Qualifications:

1. Completion of at least three years of work towards a bachelor's degree in ecology, biology, geology, geography, environmental science, wetland science, or related field.
2. At least one season of field experience or demonstrated ability to conduct work outdoors.
3. Ability to work independently with guidance and ability to collect data accurately and with attention to detail.
4. Coursework or demonstrated proficiency with ArcGIS.
5. Field experience or coursework in any of the following: wetland systems; plant identification; soil profiles; hydric soil indicators; water quality sample collection.
6. Willingness and ability to work long hours and unusual schedules (including overnights), travel extensively, drive a State of Utah vehicle, hike moderate distances through occasionally rough terrain, and tolerate exposure to both hot and cold conditions, rain, biting insects, and other field nuisances.

This position is classified as a Geological Technician position and does not include benefits. To apply, submit resume, cover letter, and three references (with phone numbers) to Pete Goodwin at the Utah Geological Survey, pgoodwin@utah.gov.