



COLORADO NATURAL HERITAGE PROGRAM Position Announcement



TITLE:	BLM Wetland (Lentic) Monitoring Lead and Field Technicians
POSITION TYPE:	Full-time, temporary
NUMBER OF POSITIONS:	6 in total, 2 Lead Technicians and 4 Field Technicians
WORK LOCATIONS:	Colorado and Utah
PAY RATE:	\$15.00–\$18.00, depending on experience and position. Per diem when traveling beyond base location. Health insurance provided.
DURATION:	4 months (May–August 2019), with potential for extension

Summary of Positions

In partnership with the Bureau of Land Management (BLM), the Colorado Natural Heritage Program (CNHP) is seeking experienced field technicians to pilot wetland monitoring data collection using protocols within the draft *Lentic Monitoring Methods* multi-agency field manual. Successful applicants will be trained in the draft methods by Wetland Ecologists from CNHP and BLM's National Operations Center and will spend the summer applying the protocol on wetlands and other lentic areas on BLM lands throughout Colorado and Utah.

Two field teams of three technicians each (1 Lead Technician and 2 Field Technicians) will be hired. One team will be stationed in Salt Lake City, Utah, and the other in Colorado (location to be determined). Crews will spend 4–8 days in a row in the field, often camping away from their base location. Both teams will travel extensively across their base states (Utah or Colorado), testing the methods in a wide variety of settings. The teams will meet up at least twice during the summer in either Utah or Colorado to test between-team variability by sampling the same sites. Both teams will have the opportunity to work with BLM Hydrologists and Aquatic Biologists within Field Offices across the state. Data collection will include vegetation, soils, water quality sampling, and other environmental and land use data.

Lead Technician positions may start up to 1 month in advance of the field season (estimated start date in April) to plan field season logistics and scout field site. The Lead Technician will be responsible for supporting and managing crew safety and wellbeing, coordinating field logistics and scheduling, managing the crew's equipment, and completing administrative paperwork. Before, during and after field data collection, the Lead Technician will be responsible for the organization and quality control of all data collected using both paper forms and potentially iPad tablets.



Qualifications for All Positions

1. Coursework in botany, ecology, natural resources, range management, or related field required for all positions. A completed B.S. degree is preferred for all positions and required for Lead Technicians.
2. Field experience collecting scientific data, specifically vegetation sampling, soil profile descriptions, water quality sampling, and/or other environmental data required for all positions. Knowledge of wetland ecology and experience working in wetlands and/or riparian areas preferred.
3. Previous experience working on a BLM Assessment, Inventory and Monitoring (AIM) crew, either Terrestrial or Aquatic AIM, preferred, especially for Lead Technicians.
4. Experience using dichotomous botanical keys and field guides, familiarity with the major plant families, and knowledge of Colorado flora and/or wetland species preferred (required for at least one member of each team).

5. Experience with aerial photography (Google Earth), navigating with a topographic map, and use of GPS preferred for all positions and required for Lead Technicians. Experience with ArcGIS preferred for Lead Technicians, but not required.
6. Willingness and ability to work long hours and unusual schedules, travel extensively during the field season, share living quarters in rustic field housing, bunkhouses, and car camping, and potentially backpack and hike long distances (up to 10 miles / day) while carrying a heavy pack (up to 40 lbs) required for all positions.
7. Willingness and ability to work with a positive attitude in field conditions that include exposure to inclement weather, rugged terrain, hot or cold weather (30–110° F), mosquitos, and poisonous plants, all while maintaining a strong commitment to team safety required for all positions.
8. Careful attention to detail and strong written and organizational skills to complete lengthy field forms required for all positions. Experience collecting data electronically using tablets or other devices preferred for all positions.
9. Strong oral communication skills for professional interactions with BLM staff and private landowners required for all positions.
10. A valid driver's license required for all positions. Experience driving 4x4 vehicles on rough roads preferred.
11. Wilderness First Aid or other field safety training preferred for all positions.



Reflecting departmental and institutional values, candidates are expected to have the ability to advance the Department's commitment to diversity and inclusion.



To apply email resume, cover letter, and three references (with phone numbers) to Joanna Lemly at Joanna.Lemly@colostate.edu. Please indicate if you would like to be considered for the Lead Technician and which state you would prefer to work in.

First consideration of applicants will begin February 25, 2019. Applications will continue to be accepted until all positions are filled or until April 30, 2019, whichever comes first. Applicants for the Lead Technician Position are encouraged to apply early.

Colorado State University is committed to providing a safe and productive learning and living community. To achieve that goal, we conduct **background investigations** for all final candidates being considered for employment. Background checks may include, but are not limited to, criminal history, national sex offender search and motor vehicle history.

Colorado State University is committed to providing an environment that is free from discrimination and harassment based on race, age, creed, color, religion, national origin or ancestry, sex, gender, disability, veteran status, genetic information, sexual orientation, gender identity or expression, or pregnancy. Colorado State University is an equal opportunity/equal access/affirmative action employer fully committed to achieving a diverse workforce and complies with all Federal and Colorado State laws, regulations, and executive orders regarding non-discrimination and affirmative action. The Office of Equal Opportunity is located in 101 Student Services.

