

Field Coordinator – Vegetation Sampling of Invasive Species

The Spatial Analysis Lab (SAL) at University of Montana is recruiting for a dedicated individual to assist with an ongoing research project focused on measuring and mapping invasive species (with an emphasis on *Ventenata dubia*) on Crow and possibly Northern Cheyenne Tribal Lands in southeastern Montana for the Bureau of Indian Affairs (BIA). The selected applicant reports to the Spatial Analysis Lab and will be responsible for coordination and execution of fieldwork, directly supervising up to 4 other Field Technicians, and ensuring quality handling and reporting of GPS surveys and vegetation sampling data.

Specific responsibilities include:

- Lead a team of field technicians from SAL and Little Big Horn College (LBHC)
- Managing, implementing and troubleshooting data collection using ArcCollector
- Maintaining an inventory of all field equipment
- Coordinating logistics with BIA, LBHC Staff, and SAL Staff
- Synthesizing and cleaning field datasets, including photodocumentation, and maintaining a geospatial database

The Field Coordinator will summarize data in progress reports and contribute to the preparation of a final progress report for the Bureau of Indian Affairs. The Field Coordinator will work closely with and be supported by LBHC staff, but will report to the Spatial Analysis Lab project coordinator. The Field Coordinator will interact with private landowners and other agency professionals during the regular course of field work and must be comfortable with this.

Job Length: Full-time seasonal support is available for the upcoming field season, which is weather dependent. Ideal start date is no later than **May 30th, 2022** and field work will continue through early August. Start and end dates and housing locations are flexible to accommodate schedules. Budgeted time includes pre-field preparation, and data synthesis and report preparation after the field season, with space provided on campus at University of Montana. There are several mapping projects underway in MT, with potential for additional work beyond August.

Compensation: \$19 per hour + \$41 per-diem for days in the field. Transportation provided from Missoula, Bozeman, or Billings, MT to field site locations. *Lodging is not provided.

Required Qualifications

- Bachelor's degree in ecology or a related natural resources field
- Excellent organizational and communication skills
- Familiarity with GIS and/or remote sensing applications
- Attention to detail and ability to follow a detailed protocol
- Ability to carry up to 50 lbs across uneven ground
- Valid driver's license with a good driving record
- Professionalism, flexibility, and a positive attitude
- Current first aid / CPR certification

Preferred Qualifications

- Previous field research experience, preferably in rangeland ecosystems and on private lands

- Familiarity with ArcCollector/Field Maps
- Previous supervisory experience
- Prior experience identifying rangeland vegetation species
- Prior experience with field techniques, including GPS operations, transect sampling and vegetation cover estimation
- Experience interacting with private landowners and agency professionals

The successful applicant must be able to work in remote locations and be comfortable camping for up to 8 days at a time. The work schedule is subject to the weather, which may cause unpredictable days off—**applicants must be willing to work when needed and take days off when the opportunity arises.** The position will require driving a few hours each day in trucks over low maintenance roads and hiking up to several miles each day through sagebrush, over uneven terrain to reach some sampling sites.

If you do not fully meet the required qualifications for this position but are interested, we encourage you to still apply. If you have a good attitude, strong work ethic and are passionate about conservation we want to talk to you. Training will be provided for the right candidate.

Positions open until filled; applications will be reviewed as they come in, with priority given to applications received by May 10th, 2022. To apply, please send a letter of interest, current resume, and names and contact information for three references to Melissa Hart (melissa.hart@mso.umt.edu) and cc Ryan Rock (ryan.rock@mso.umt.edu) and Ethan Shafron (ethan.shafron@mso.umt.edu) with the subject line “Field Coordinator – BIA Invasive Species”.