

Field Coordinator – Vegetation Sampling of Invasive Species

We are recruiting for a dedicated individual to assist with an ongoing research project focused on measuring and mapping invasive species (with an emphasis on *ventenata*) on Crow 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 four other Field Technicians, and ensuring quality handling and reporting of GPS surveys and vegetation sampling data.

Specific responsibilities include:

- Assisting in the training of Little Big Horn College (LBHC) Field Technicians
- Managing, implementing and troubleshooting data collection using ArcCollector
- Maintaining an inventory of all field equipment
- Coordinating logistics with BIA, LBHC Staff, SAL Staff and the Field Liaison
- Synthesizing and cleaning field datasets 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 a Field Liaison and 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, but scheduled for 5/10/2021 - 8/2/62021. We anticipate 48 days of field sampling and travel time in all. An additional three weeks is also budgeted for pre-field preparation and for data synthesis and report preparation after the field season, with space provided on campus at University of Montana.

Compensation: \$18 per hour + in-state per-diem as applicable. Transportation provided from Missoula, MT to field site locations.

Required Qualifications

- Bachelor's degree in ecology or a related natural resources field
- Excellent organizational and communication skills
- 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

Preferred Qualifications

- Previous field research experience, preferably in rangeland ecosystems and on private lands
- Previous supervisory experience
- Prior experience identifying rangeland vegetation species
- Prior experience with field techniques, including GPS operations, transect sampling and vegetation cover estimation
- Familiarity with GIS and/or remote sensing applications, and with Survey 123 for ArcGIS
- Experience interacting with private landowners and agency professionals
- Current first aid / CPR certification

The successful applicant must be able to work in remote locations and camp in a rustic setting while adhering to strict health and safety protocols meant to protect themselves and others during the COVID-19 pandemic. 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 possibly hiking up to several miles each day through sagebrush, over uneven terrain, and in very hot temperatures to reach some sampling sites.

Applications are due March 15th, 2021. To apply, please send a current resume, 1-page cover letter, and names and contact information for three references to Melissa Hart (melissa.hart@mso.umt.edu) with the subject line “Field Coordinator – Vegetation Sampling of Invasive Species”.