The Spatial Analysis Lab of the Montana Natural Heritage Program, University of Montana is reaching out to the GIS community in search of an analyst who would be interested in providing technical expertise on-site at Fort Wainwright under a cooperative agreement with the U.S. Army Corps of Engineers.

If awarded a Task order, the 12-month position would start this Fall 2019 and be stationed in Alaska. The Analyst will work on a project that supports conservation management activities on US Army Garrison (USAG) lands. The project's intent is to manage and coordinate activities for the Fort Wainwright Conservation program, with the objective of providing planning, technical, and field assistance to the Resource Planning Branch in order to facilitate successful implementation of the natural and cultural resource management program. Responsibilities include GIS technical support, data analysis, hardware and software maintenance, and input of field data. See list of specific objectives below.

Desired qualifications: MS or PhD in a geotechnologies field; experience in natural resource planning or conservation, ecology, and/or vegetation sampling; database management skills.

We anticipate competitive salary and benefits for qualified candidates. If interested, please contact Jessica Mitchell (jessica.mitchell@mso.umt.edu) as soon as possible.

The analyst may expect to:

- Collect and map natural resource data necessary for the sound management of military lands. The land must be maintained in a condition to provide for optimal military training experiences and to protect soil, water, vegetation, and wildlife resources in a healthy and diverse state.
- Assemble, analyze, interpret, summarize, and apply historical and current data to the management of natural resources on military installations.
- Maintain on-site technical expertise, advanced geospatial analysis capabilities, and consistent quality database management to facilitate DoD compliance and response to real-time and on-site resource decisions.
- Monitor and manage for ecological changes affecting 'natural resource protection, enhancement, and restoration, where necessary for support of fish, wildlife, or plants' in accordance with the Sikes Act.
- Assemble, edit, summarize, analyze, interpret, and apply vegetation data to the management of natural resources on military installations. This is accomplished most efficiently with state-of-the-art computer analyses and on-site technical expertise.
- Improve vegetation to support forest management, military training requirements and reduce the potential for wildland fire.
- Contribute to making the most sound, balanced decisions possible regarding land use and resource management on public lands and military installations by the provision of the best research, data, and analytical tools available.