



OUTREACH NOTICE

Remote Sensing Analyst

USDA Forest Service, Northern Region

[GS-0101/0401/1301-11]

The USDA Forest Service, Northern Region Geospatial Group will soon be advertising an interdisciplinary Remote Sensing Analyst Position that serves in the R1 Regional Headquarters, Missoula, Montana. The position supports regional and forest projects with geospatial data creation, analysis and management, technical support, and map production. The Northern Region Geospatial Group provides technical expertise and analysis of remote sensing data to the region, including the development and maintenance of existing vegetation mapping (R1-VMap), LiDAR products, and UAV data collection.

Position Duties

The duties of this position include but are not limited to:

- Manipulate and analyze satellite imagery, aerial photography and LiDAR data to support resource management decisions for multiple resource, jurisdictional, and ownership units or a large geographical region.
- Employ spatial statistical tools for modeling data to simulate, estimate, and predict natural processes in support of planning, analysis, and monitoring activities.
- Develop geospatial tools using Python, for task automation and model development.
- Provide expertise and make recommendations on the application of remote sensing processes, protocols and solutions to resource management issues.



Northern Regional Office
26 Fort Missoula Rd.
Missoula, MT 59804

USDA is an equal opportunity provider and employer.
Edited 01/2021



Position Requires

- Strong remote sensing skills in vegetation mapping and LiDAR applications.
- Knowledge and demonstrated experience in geospatial modeling and statistical analysis.
- Knowledge and demonstrated experience in GIS and RS technologies, such as ArcGIS/ArcPro, eCognition, FUSION, and Google Earth Engine, to conduct analysis of natural resources to support land management decisions.
- Geospatial scripting skills in Python, R.
- Excellent interpersonal skills and performs well as a “Team Player” to meet common goals and objectives.
- Strong communication and organizational skills.
- Ability to work independently in a remote capacity

How to Apply: The vacancy announcement/job announcement number for this position has not been issued. When ready, it will be posted on the U.S. Government's official website for employment opportunities at www.usajobs.gov. If you respond to this outreach notice, we will contact you with the information necessary to apply for this position.

If You Are Interested In This Position: To be informed when the vacancy announcement has posted or if you have additional questions please contact: **Joe Fortier, R1 Remote Sensing Coordinator (Acting)**, joseph.fortier@usda.gov no later than January 27, 2021.



**Northern Regional Office
26 Fort Missoula Rd.
Missoula, MT 59804**

USDA is an equal opportunity provider and employer.
Edited 01/2021