Part-Time Remote Sensing Analyst - Invasive Grass Species Mapping

The Spatial Analysis Lab (SAL) of the MT Natural Heritage Program, University of Montana is currently recruiting for part-time support staff with Remote Sensing or Digital Image Processing experience. This is an ideal position for a graduate student looking to build on existing knowledge and skills.

The person selected for this position will help develop and implement image processing workflows to map invasive grass species in several regions of Montana. The work provides experience working with ground reference data collected to support time-series image classification objectives using Worldview 3 and Sentinel-2 collections. You will have the opportunity to gain experience with Google Earth Engine working closely with a postdoctoral researcher. The work schedule is flexible and we support collaborations and other professional development opportunities.

**Job Length:** Part-time (10 - 20 hours/week) for up to 90 days, with potential to extend the contract.

**Compensation:** $16 - $20 per hour.

**Required Qualifications**
- Pursuit or completion of a Master’s degree in geography, ecology or a related natural resources field
- Completion of upper level or graduate coursework in GIS, Remote Sensing, or Digital Image Processing
- Excellent organizational and communication skills, attention to detail and ability to follow protocol
- Professionalism, flexibility, and a positive attitude

**Preferred Qualifications**
- IT experience
- Experience with programming in Python, IDL, R, Google Earth Engine
- Experience working on vegetation classification projects (whether field work or image processing)

To apply, please send a current resume and brief letter of interest to Jessica Mitchell (jessica.mitchell@mso.umt.edu) with the subject line “Remote Sensing Analyst”. Applications will be considered until the position is filled. For more information about the Spatial Analysis Lab, please visit [http://www.umt.edu/spatial-analysis-lab/](http://www.umt.edu/spatial-analysis-lab/).