



Graduate Assistantship at the School of Forest Resources, University of Maine

A graduate research assistantship is available at the School of Forest Resources, University of Maine in the area of Remote Sensing of Natural Resources to support a highly qualified M.Sc. or Ph.D. student to start in Fall 2018. The research will be focused on forest health and disturbance evaluation using optical multispectral sensors such as Landsat and Sentinel-2 and aerial imagery.

Qualifications:

For the Master's student, a B.Sc. degree in forestry or other closely related disciplines and for the Ph.D. student, an additional M.Sc. degree is required. The ideal candidate is expected to have hands-on experience with remote sensing data processing and software such as ENVI or ERDAS Imagine and geospatial analysis software such as ArcGIS or similar open-source software is required. Knowledge of programming languages such as IDL, R or Python is desired. In addition, the ideal applicant is a team worker, has a high level of intellectual curiosity and can work independently. Excellent written and verbal communication skills are expected. GRE scores are required, international students must also have acceptable TOEFL scores or equivalent.

Assistantship:

An annual stipend paid in 12 monthly installments plus half the Annual Health Insurance fee and full tuition waiver (for up to 9 credits in the fall, 9 credits in the spring and up to 6 in the summer) will be provided for an expected 20 hours per week appointment. Operating funds for conducting research and travel will also be available.

About the University of Maine School of Forest Resources (SFR, <http://forest.umaine.edu>):

With almost 90% of the state covered by forest, forest resources are central to Maine's quality of life and economy. The SFR provides essential forestry education and research and is a signature area of the University of Maine. Over 40 graduate students are currently enrolled in M.F., M.S., and Ph.D. programs within the SFR. The University has over 12,000 students and is the state's flagship research institution.

How to apply: Interested candidates should send a copy of their statement of purpose, CV, contact information of three references, transcripts and TOEFL/GRE scores to Dr. Parinaz Rahimzadeh at parinaz.rahimzadeh@maine.edu.