

Assistant or Associate Professor of Remote Sensing and Geospatial Analysis
School of Forest Resources and Environmental Science
Michigan Technological University

Appointment Term

A nine month, tenure-track position at the Assistant or Associate Professor level is available with the appointment starting August 2020. A Ph.D. in a relevant field is required at time of appointment. Candidates must have demonstrated expertise in remote sensing, digital image processing, and geospatial technology. Post-doctoral research and extramural grant writing experience are strongly desired.

Responsibilities

Research: Seeking an outstanding candidate who is excited about working in an interdisciplinary setting and will complement existing faculty research interests and strengths. The candidate is expected to develop a nationally and internationally recognized, externally funded research program involving Masters and Doctoral students in the areas of remote sensing, digital image processing, unmanned aerial vehicles (UAV) and geospatial analysis. Experience in the fields of LIDAR and/or hyperspectral imagery, UAVs, and geospatial technology applications related to natural resource management issues. A valid Remote Pilot Certificate from the FAA is highly desirable.

Teaching: Responsibilities involve environmental remote sensing and digital image processing courses at the graduate and undergraduate level. Graduate teaching may also include development of courses in the candidate's area of expertise.

Institution: The successful candidate will contribute to the School's vision as a premier, national center of excellence in natural resources and environmental science education, research and outreach. Interdisciplinary research opportunities exist with the College of Computing, the Great Lakes Research Center, and the Michigan Tech Research Institute.

Environment

Michigan Tech's School of Forest Resources and Environmental Science is one of the most productive forest research programs in the country. The School is particularly well known for its excellence in the fields of GIS, remote sensing, applied spatial statistics, forest science, applied ecology, forest molecular genetics, and wildlife management. The School has extensive UAV and Lidar equipment.

Michigan Tech is a nationally recognized research University, enrolling over 7,000 students and is a leader in science and engineering education. We are building a culturally diverse faculty committed to teaching and working in a multicultural environment and strongly encourages applications from all individuals.

Michigan Tech is an ADVANCE Institution, and has twice received National Science Foundation funds in support of efforts to increase diversity, inclusion, and the participation and advancement of women and underrepresented individuals in STEM.

Michigan Tech actively supports dual-career partners to retain a quality workforce. Candidates are invited to bring a guest to an on-campus interview; additional details on dual-career exploration in our Partner Engagement Program can be found at <https://www.mtu.edu/provost/programs/partner-engagement/>

Michigan Tech is an EOE which includes protected veterans and individuals with disabilities.

Applicants must apply online at: <http://www.jobs.mtu.edu/postings/8679>. For more information about the School of Forest Resources and Environmental Science, visit: mtu.edu/forest/. Specific question may be directed to Ann Maclean, amaclean@mtu.edu.

Review of applications begins December 16, 2019 and continues until the position is filled.