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

Appointment Terms
A nine month, tenure-track position at the Assistant or Associate Professor level is available with the appointment starting August 2016. Salary is commensurate with qualifications and experience.

Responsibilities
Research: We are 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. Specific areas of expertise are flexible, but experience in the fields of LIDAR and/or hyperspectral imagery, geospatial technology applications related to natural resource management issues are requisite. Experience with UAVs is highly desirable.

Teaching: Responsibilities will 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 that will contribute to the School's rapidly expanding graduate programs in the Professional Masters in GIS, Environmental Remote Sensing, Forest Ecology and Management, Applied Ecology, Forest Science, and Forest Molecular Genetics and Biotechnology.

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. Opportunities exist for collaborations with the Michigan Tech Research Institute (MTRI, www.mtri.org), the Integrated Geospatial Technology graduate program (http://www.mtu.edu/gradschool/programs/degrees/geospatial/) and other research groups and faculty across campus.

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, forest science, applied ecology, forest molecular genetics, and wildlife management. The Master of Geographic Information Science (MGIS) professional program (www.mtu.edu/forest/graduate/masters/mgis/) provides current and cutting-edge education in Geographic Information Science and related technologies, and trains students to work as GIS specialists and managers. A strong foundation in core geospatial principles is featured, as well as interdisciplinary study in statistics, communications, environmental policy, and business.

Established in 1885, Michigan Tech is a nationally recognized research University, enrolling over 7,000 students and is a leader in science and engineering education. Michigan Tech is an ADVANCE institution, one of a limited number of universities in receipt of NSF funds in support of our commitment to increase diversity and the participation and advancement of women in STEM. Michigan Tech acknowledges the importance of supporting dual career partners in attracting and retaining a quality workforce and is committed to offering career exploration advice and assistance whenever feasible and appropriate at the University and in the local community. See www.dual.mtu.edu for additional information.

Located in Houghton, on the shore of Lake Superior, Michigan Tech offers a friendly, safe, and affordable living environment with excellent opportunities for exceptional year-round outdoor recreation.

Qualifications
Ph.D. required at time of appointment. A relevant natural science degree, demonstrated interest and expertise in remote sensing, digital image processing, geospatial technology and post-doctoral research and extramural grant writing experience are strongly desired. Women and minority candidates are encouraged to apply.

Application Procedure
Send curriculum vita, copies of transcripts, names of three references (with telephone numbers, mail and email addresses), a one page statement of research interests and experience in securing extramural support, a one page statement of teaching philosophy, and three selected reprints to: http://www.jobs.mtu.edu/postings/3812. Questions may be directed to Dr. Ann L. Maclean (amaclean@mtu.edu).

Review of applications will begin February 1, 2015 and will continue until an appropriate candidate is chosen.