Michigan Technological University, Department of Civil, Environmental, and Geospatial Engineering invites applications for a tenure-track Assistant Professor position.   Applicants for the position are required to have PhD in geospatial engineering, civil engineering, environmental engineering, surveying or closely related discipline. The university's Tech Forward initiatives focus on building research in autonomous and intelligent systems, data revolution and sensing, natural resources, water and energy, and sustainability and resilience. Research areas include but are not limited to geospatial/surveying engineering (GIS, remote sensing, LiDAR, photogrammetry, UAS mapping, structure from motion, big data sets and data fusion), water resource engineering (intelligent water systems, e.g., modeling and simulation, machine learning, advanced sensing techniques), structural engineering (risk, reliability, resilience assessment, enhancement of infrastructure systems, structural health monitoring, machine learning techniques), environmental engineering (transport and transformation of emerging contaminants; environmental sensors and monitoring; big data analysis and modeling; engineering for sustainability and resilience; industrial ecology; sustainable energy and materials; and environmental biotechnology), and geotechnical engineering (multi-hazard assessment and risk mitigation for resilient infrastructure, intelligent geosystems, coastal geotechnics, AI geotechnics, and data innovation).

Successful candidates will be expected to teach both undergraduate and graduate level courses. Develop external funding in support of research. Be recognized by your peers for your excellence in research and creation of knowledge. Foster and contribute to a collaborative culture within your workplace. Engage in professional service activities within the department, university, community, and technical organizations. Employees are expected to apply safety-related knowledge, skills, and practices to everyday work and commit to learning about continuous improvement strategies and applying them to everyday work.

For full consideration, complete application packages should be received by November 15, 2021. Apply online: http://www.employment.mtu.edu/cw/en-us/job/492686.

Michigan Tech attracts world-class faculty who enrich the educational experience of smart, motivated, and adventurous students. Applicants who are committed to promoting a sense of belonging and contributing to an equitable and inclusive learning environment for all are strongly encouraged to apply (https://www.mtu.edu/diversity-inclusion/).

Located in Houghton, in the heart of Upper Michigan's scenic Keweenaw Peninsula, the university is just a few miles from Lake Superior. The surrounding area is perfect for enjoying outdoor activities throughout the year.

Michigan Tech recognizes the importance of supporting faculty members' partners; candidates selected for on-campus interviews will be invited to bring a guest. Additional details on our Partner Engagement Program can be found at https://www.mtu.edu/provost/programs/partner-engagement/.

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

Michigan Tech is an Equal Opportunity Educational Institution/Equal Opportunity Employer that provides equal opportunity for all, including protected veterans and individuals with disabilities.

To apply: http://www.employment.mtu.edu/cw/en-us/job/492686