



Faculty Position in Big Earth Data
Missouri University of Science and Technology
Rolla, Missouri; <https://ggpe.mst.edu/>

The Department of Geosciences and Geological and Petroleum Engineering (GGPE) at Missouri S&T is seeking outstanding applicants for a tenure track, open rank faculty position in Geological Engineering specializing in “Big Earth Data”. We seek a candidate with expertise in Big Earth Data, including possible areas such as Geo-computing (machine learning, artificial intelligence, programming, etc.), Geoanalytics, Geostatistics, and Earth modeling. Preference will be given to applicants who specialize in the collection, synthesis, and analysis of large datasets applied to topics such as geohazards, renewable energy, geoenvironmental and water resources, geomechanics, and space/planetary systems. Successful candidates will be expected to have strong commitments to (a) contributing to the departmental and college research efforts, (b) high-quality teaching both at the undergraduate and graduate levels on topics such as computer applications in earth science and engineering and statistics for geologists and engineers, (c) service in the applicant’s professional community and our institution, and (d) increasing the diversity of both the student body and faculty. Applicants must hold a Ph.D. in geological engineering or a closely related field by the appointment start date. Eligibility for professional engineering registration is considered an asset.

Missouri S&T is one of the nation’s leading research universities. Located about 100 miles west of St. Louis. Missouri S&T is an accessible, safe and friendly campus surrounded by Ozark scenery. The campus is located in Rolla, Missouri, which is also home to the USGS Center of Excellence for Geospatial Information Science and the National Geospatial Technical Operations Center, which provide many opportunities for collaboration with USGS scientists. The GGPE Department has 21 tenured/tenure-track faculty and approximately 600 students (roughly evenly split between graduate and undergraduates). All of our programs offer B.S., M.S. and Ph.D. degrees. The ABET-accredited Geological Engineering program has approximately 80 undergraduate students, 50 on-campus graduate students and 65 off-campus graduate students.

Interested candidates should electronically submit their application consisting of: 1) a cover letter, 2) a current curriculum vitae, 3) a research statement, 4) a teaching statement, 5) a diversity statement, and 6) complete contact information for at least four references to Missouri S&T’s Human Resources Office at: <http://hr.mst.edu/careers/academic/> using Reference Number 28023. Acceptable electronic formats are PDF and MS Word. Applications will be reviewed as they are received and the review of applications will continue until the position is filled. For full consideration, applicants must apply by **November 25, 2018**. For more information prior to submitting an application, please contact the Search Committee Chair, Dr. Katherine Grote at grotekr@mst.edu.

Missouri S&T is an AA/EEO employer and does not discriminate on the basis of race, color, national origin, ancestry, religion, sex, pregnancy, sexual orientation, gender identity, gender expression, age, disability, protected veteran status, or any other status protected by applicable state or federal law. Females, minorities, and persons with disabilities are encouraged to apply. The university participates in E-Verify. For more information on E-Verify, please contact DHS at: 1-888-464-4218.