

Assistant Professors of Civil Engineering  
South Dakota School of Mines and Technology

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Posted Nov. 3, 2022, set to expire May 4, 2023

<b>Job Title</b>	Assistant Professors of Civil Engineering
<b>Department</b>	Civil and Environmental Engineering
<b>Institution</b>	South Dakota School of Mines and Technology Rapid City, South Dakota
<b>Date Posted</b>	Nov. 3, 2022
<b>Application Deadline</b>	Dec. 15, 2022
<b>Position Start Date</b>	Aug. 15, 2023
<b>Job Categories</b>	Assistant Professor
<b>Academic Field(s)</b>	Water Resources Engineering Geotechnical Civil Engineering
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<b>Job Description</b>	

The Department of Civil and Environmental Engineering (CEE) at South Dakota Mines is seeking to fill **a tenure track faculty position at the Assistant Professor level related to Water Resources Engineering** and **a position at the Assistant or Associate level related to Geotechnical Engineering**. An earned doctorate in Civil Engineering, or a closely related discipline, and evidence in teaching and research excellence are required. We seek candidates who will establish a strong externally funded research program, contribute to the CEE PhD program, and have the ability to teach courses related to water resource engineering or geotechnical engineering at both the undergraduate and graduate levels as well as other fundamental civil engineering courses. The positions have dual focus of teaching and research, and the candidates will be expected to be teacher-scholars. The

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desired start date for the position is August 15, 2023.

The department and campus have expertise in geotechnical earthquake engineering, geoenvironmental engineering, foundation design, rock mechanics, landslides and slope stability, remote sensing and geomatics, and biogeotechnics. We are seeking a new faculty member who can complement these areas of strength with particular interest in those who have the breadth of geotechnical expertise and depth of geotechnical knowledge to work effectively on and eventually lead transdisciplinary research teams.

The department and campus have deep expertise in water treatment, waste-water treatment, disinfection byproducts, sustainability, groundwater, vadose zone modeling and hydrology. We are seeking a new faculty member who can complement these areas of strength by having skills and expertise in hydraulic systems, sediment transport, hydro-informatics or other areas of data-driven or AI-enabled water resources research, and who can work effectively on and eventually lead transdisciplinary research teams. Experience in industry or government as a practicing water resources engineer is also beneficial.

Experience in industry or government as a practicing engineer is beneficial. Please direct questions to the head of the search committee, Dr. Bret Lingwall.

Established in 1885, South Dakota Mines is one of the nation's leading engineering, science and technology universities. South Dakota Mines is located in Rapid City, SD, and delivers a best-in-class education at an affordable price, with a supportive and collaborative campus community that prepares graduates to become in-demand leaders in today's fastest-growing industries.

Known for our academic rigor, we maintain an average class size of 24 and our students benefit from immersive learning experiences including undergraduate research, co-ops/internships, and numerous nationally competitive engineering teams. College students who are serious about their future, passionate about STEM, and eager to solve society's most pressing problems excel at Mines. Our Research Programs are concentrated in four areas: energy and environment; materials and manufacturing; STEM education; and underground science and engineering. South Dakota Mines is a growing university that enrolls around 2,400 students from 45 states and 40 countries and is ranked as the best engineering school for return on investment by College Factual. The placement rate for recent Mines graduates is 97 percent in their field of study.

Rapid City is the state's second largest city (with an urban population of 77,503 and metropolitan population of 148,749) and is nestled at the foot of the beautiful Black Hills. Mount Rushmore, Badlands National Park, and Crazy Horse Memorial are all within an hour of the university. Rapid City

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enjoys a relatively mild climate and offers year-round recreational opportunities, including, hiking, biking, skiing, snowboarding, fishing, and hunting, to name a few. For more information about South Dakota Mines and Rapid City, visit: <http://sdsmt.edu/The-Rushmore-Region/>.

Review of applications began October 5, 2022 and will continue until the position is filled. Submit applications through the South Dakota Board of Regents at <https://www.sdbor.edu/employment-opportunities/Pages/default.aspx>.

Employment is contingent upon completion of a satisfactory background investigation.

### EEO/AA Policy

**South Dakota Mines does not discriminate on the basis of sex, race, color, creed, national origin, ancestry, citizenship, gender, gender identification, transgender, sexual orientation, religion, age, disability, genetic information or veteran status in employment or the provision of service.**

### Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

**Contact** Dr. Bret Lingwall  
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Rapid City, SD 57701

**Contact E-mail** [bret.lingwall@sdsmt.edu](mailto:bret.lingwall@sdsmt.edu)