

**Tenure- Track Faculty Position in Modeling in  
Environmental Systems  
University of Minnesota, Twin Cities**

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Posted Oct. 6, 2025, set to expire Feb. 18, 2026

<b>Job Title</b>	Tenure- Track Faculty Position in Modeling in Environmental Systems
<b>Department</b>	Civil, Environmental, and Geo- Engineering <a href="https://cse.umn.edu/cege">https://cse.umn.edu/cege</a>
<b>Institution</b>	University of Minnesota, Twin Cities Minneapolis, Minnesota
<b>Date Posted</b>	Oct. 6, 2025
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Aug. 31, 2026
<b>Job Categories</b>	Assistant Professor Associate Professor
<b>Academic Field(s)</b>	Water Resources Engineering Ecological and Environmental Civil Engineering Engineering - Other
<b>Apply Online Here</b>	<a href="https://z.umn.edu/ModelingEnvironmentalSystems_Fac">https://z.umn.edu/ModelingEnvironmentalSystems_Fac</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

**Faculty search in Modeling in Environmental Systems.**

The Department of Civil, Environmental and Geo- Engineering at the University of Minnesota is seeking applications for a faculty position in the broad area of Modeling in Environmental Systems. The position is primarily intended for applicants at the Assistant Professor level; however, more experienced, exceptional applicants can be considered. All areas related to systems modeling,

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decision support, stochastic methods, and computational modeling with applications to environmental or water resources engineering will be considered, including life cycle assessment and technoeconomic analysis, system optimization, computational fluid dynamics in geophysical flows, artificial intelligence and machine learning approaches.

Emphasis will be placed on the quality, creativity and intellectual distinction of the candidates' research and scholarship. We are interested in scholars with strong core fundamentals in science and engineering that allow them to move easily across disciplinary boundaries and work collaboratively to solve complex problems at the frontier of their disciplines.

Successful candidates will be expected to maintain a strong externally funded research program. Teaching responsibilities include existing undergraduate and graduate courses, as well as development of new courses in the candidate's specialty areas. An earned doctorate is required at the time of the appointment. Candidates seeking the rank of Associate Professor must have a strong record of success in teaching, research, and service commensurate with the appointment level.

Applications must be submitted online: [https://z.umn.edu/ModelingEnvironmentalSystems\\_Fac](https://z.umn.edu/ModelingEnvironmentalSystems_Fac)

Include a letter of intent, CV, complete contact information for three references, and statements on (i) research experience and interests, (iii) teaching experience and interests, (iv) experience fostering diversity and inclusion in the classroom and research. The review of applications will begin on January 2nd, 2026. Applications may continue to be accepted until the position is filled. Expected appointment is Fall 2026.

The Department of Civil, Environmental, and Geo- Engineering (CEGE) at the University of Minnesota is a mid-sized department dedicated to conducting cutting-edge theoretical, computational and experimental research in all areas related to Civil, Environmental, and Geo- Engineering, with noted excellence in the areas of water resources and environmental engineering. The department features state-of-the-art experimental facilities, including multiple excellent core facilities (imaging, genomics, research computing, etc.) and the Saint Anthony Falls Laboratory (<https://cse.umn.edu/safl>), a unique and globally recognized facility for pioneering research in experimental and computational fluid mechanics, hydrology, geophysics and (micro)biology. CEGE is one of twelve departments within the College of Science and Engineering, which offers outstanding opportunities for interdisciplinary research due to the unique combination of mathematics, physical sciences, and engineering in one college. The college has a strong Data Science Initiative and provides state of the art computational facilities through the Minnesota Supercomputing Institute, <https://msi.umn.edu>.

For any information, please contact Dr. Michele Guala ([mguala@umn.edu](mailto:mguala@umn.edu)), head of the search

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committee.

### **EEO/AA Policy**

The University recognizes and values the importance of diversity and inclusion in enriching the employment experience of its employees and in supporting the academic mission. The University is committed to attracting and retaining employees with varying identities and backgrounds. The University of Minnesota provides equal access to and opportunity in its programs, facilities, and employment without regard to race, color, creed, religion, national origin, gender, age, marital status, disability, public assistance status, veteran status, sexual orientation, gender identity, or gender expression. To learn more about diversity at the U: <http://diversity.umn.edu>.

### **Contact Information**

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

**Contact** Dr. Michele Guala  
Civil, Environmental, and Geo- Engineering  
University of Minnesota, Twin Cities  
500 Pillsbury Drive SE  
Minneapolis, MN 55455

**Contact E-mail** [mguala@umn.edu](mailto:mguala@umn.edu)