

Assistant Professor Positions in:

- 1. Geoenvironmental Engineering or Geoscience of Urban Systems**
- 2. Environmental Informatics**

Rutgers University–New Brunswick

The Department of Environmental Sciences (DES) at Rutgers, the State University of New Jersey, New Brunswick, NJ invites applications for two tenure-track Assistant Professor positions within a new faculty cluster: Advancing STEM Diversity in Environmental Engineering - Urban Environments, Health, Climate Change, and Environmental Justice (<https://academicaffairs.rutgers.edu/strategic-diversity-cluster-hires>). The goal is to hire six Assistant Professors as part of the cluster who will increase the diversity of the Rutgers University STEM Faculty. The cluster is supported by the Faculty Diversity Hiring Initiative from the Office of the President.

As part of this initiative, two Assistant Professors are sought in the general areas of **Geoenvironmental Engineering or Geoscience of Urban Systems** with a focus on interactions among ecosystem functions of soil, water, and natural or anthropogenic materials or structures in the subsurface of urban environments, and on resilient, sustainable urban systems in the face of climate change; and **Environmental Informatics** with a focus on the use of sensor-enabled systems and/or the exploitation of big data for analyzing and managing environmental systems with overlap in environmental health and justice impacts from shifts in the urban environment caused by climate change.

The successful candidates are expected to (1) develop an innovative and externally-funded research programs, (2) teach courses in Environmental Fate and Transport, Environmental Modeling, Engineered Soils, Urban Subsurface Ecology, Environmental Informatics, Circular Economy, or other courses in our ABET-accredited Environmental Engineering program and Environmental Science program, and graduate courses relevant to their research interests; and (3) engage with environmental justice community groups.

Rutgers-New Brunswick hosts one of the most diverse student bodies in the United States. Our institutional commitment to diversity, equity and inclusion (DEI), including our priority of diversifying our faculty ranks, is outlined in the Rutgers DEI strategic plan (<https://diversity.rutgers.edu/university-plan>). We especially encourage applications from backgrounds underrepresented in environmental science and engineering including Black, Latinx, Indigenous, and LGBTQ+ scientists or engineers.

Qualifications: Preferred candidates have a B.S. in an engineering or science discipline and a Ph.D. in environmental engineering, civil engineering, geoscience, environmental science soil science, or related science/engineering disciplines, and have demonstrated the ability to conduct research, engage in grantsmanship, to teach at the graduate and undergraduate levels, and to mentor students.

About the Department and Rutgers New Brunswick: DES is the oldest environmental sciences department in the nation, with a history dating back over 100 years. In addition to its programs in Environmental Engineering and Environmental Sciences, DES offers undergraduate and graduate programs in Meteorology/Atmospheric Science.

Candidates should apply online to

1. **Geoenvironmental Engineering or Geoscience of Urban Systems** to position #22FA1077 at <https://jobs.rutgers.edu/postings/180056>
2. **Environmental Informatics** to position # 22FA1078 at <https://jobs.rutgers.edu/postings/178196>

and provide the following items to the below as part of their online application:

- cover letter
- curriculum vitae
- statement of research interests
- statement of teaching philosophy and experience
- statement on DEI that outlines the candidate's past efforts and future commitment to DEI as a faculty member (see Rutgers diversity initiatives at <https://diversity.rutgers.edu/>)
- names and contact information for three professional references

Review of applications will begin on October 21, 2022, with an intended position start date of September 1, 2023.

Questions may be directed to search@envsci.rutgers.edu.

Rutgers University is an Equal Opportunity/Affirmative Action Employer. Qualified applicants will be considered for employment regardless of race, creed, color, national origin, age, ancestry, nationality, marital or domestic partnership or civil union status, sex, pregnancy, gender identity or expression, disability status, liability for military

service, protected veteran status, affectional or sexual orientation, genetic information, or any other category protected by law. As an institution, we value diversity of background and opinion, and prohibit discrimination or harassment on the basis of any legally protected class in any terms and conditions of employment. For additional information please see the Non-Discrimination Statement at the following web address:
<http://uhr.rutgers.edu/non-discrimination-statement>.