

**Assistant Professor – Environmental Engineering Atmosphere and Air Quality
Rutgers, The State University of New Jersey, New Brunswick**

The [Department of Environmental Sciences](#) (DES) at [Rutgers, the State University of New Jersey, New Brunswick](#), invites applications for a tenure-track Assistant Professor in environmental engineering working at the interface of atmospheric science, air quality, and sustainability.

We seek outstanding applicants with a Ph.D. in environmental engineering, civil engineering, chemical engineering, atmospheric chemistry, or related environmental/engineering disciplines and demonstrated ability to conduct research, to teach at the graduate and undergraduate levels, and to mentor students. Applicants will be expected to develop an innovative, independent, and externally-funded research program that addresses topics such as those identified in the recent National Academies of Sciences, Engineering, and Medicine report “Environmental Engineering for the 21st Century: Addressing Grand Challenges.” Relevant research areas include, but are not limited to, design of novel air quality control techniques, air quality modeling and analysis, and sensor development and deployment. Teaching expectations include existing or new courses in air quality modeling, air pollution control systems, instrumental methods and design, or other courses in our ABET-accredited Environmental Engineering program relevant to research interests. Applicants possessing or having the background necessary to obtain a Professional Engineering license are especially desired.

We encourage applicants who seek to develop an interdisciplinary research program that connects with faculty from other programs, departments, and units at Rutgers, including Civil & Environmental Engineering, Chemical & Biochemical Engineering, Marine and Coastal Sciences, or the School of Public Health. The successful applicant will be eligible for membership in a variety of institutes that foster collaboration among diverse research areas of potential relevance to the position, including the Institute of Earth, Ocean, and Atmospheric Sciences, the Rutgers Environmental and Occupational Health Sciences Institute, the Rutgers Climate Institute, and the Rutgers Energy Institute. Applicants should also have an interest in networking with professional societies and connecting students with professional networks.

DES facilities include high performance computing and an array of state-of-the-art laboratory instrumentation. The Rutgers [Photochemical Assessment Monitoring \(PAM\) Site](#) supports continuous, real-time measurements for meteorological and air quality applications, and DES enjoys a strong working relationship with the New Jersey Department of Environmental Protection, including its Division of Air Quality. A

member of the Big Ten and the Association of American Universities, Rutgers-New Brunswick is America's eighth oldest institution of higher learning and New Jersey's premier public research university. The city of New Brunswick is situated in the heart of America's vibrant northeast corridor, which runs from Boston to Washington, D.C. We host one of the most diverse student bodies in the United States. As President Barack Obama remarked during his 2016 commencement address at Rutgers, "[America converges here.](#)"

Applicants should apply online, position 19FA2575, at <http://jobs.rutgers.edu/postings/107159> with the following items:

- cover letter
- curriculum vitae
- statements of research interests, teaching philosophy/experience, and contributions to diversity and inclusion
- names and contact information for three references.

Review of applications will begin on January 15, 2020, with an intended position start date of September 1, 2020.

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 the areas of hiring, recruitment, promotion, transfer, demotion, training, compensation, pay, fringe benefits, layoff, termination or any other 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>.