The School of Engineering and Applied Science (SEAS) and College of Arts and Sciences at the University of Virginia seeks candidates for a tenure-eligible or tenured Associate or full Professor with joint appointments in the Department of Civil and Environmental Engineering (CEE) and the Department of Environmental Sciences (EVSC). This position will lead a cluster of seven new faculty working in the area of Resilience in the Face of Environmental Change and provide academic leadership in the area of Global Water Resilience. The selected candidate will be expected to teach courses at the intersection of environmental engineering and science disciplines, mentor graduate students, and participate in the research mission of the University. The candidate's research area should complement current University focus areas with a particular emphasis in changing regional and global water resources and water quality in relation to human welfare. Salary, rank and tenure status are dependent upon qualifications and experience. The primary appointment will be determined based upon specialty of the incumbent.

Climate change in the 21st century will dramatically impact our world. Our coastal cities will be forced to adapt to rising sea levels and more frequent storms. This is a regional as well as a global concern. The Commonwealth of Virginia’s Chesapeake Bay region is among the most vulnerable areas to sea level rise in the United States. Our urban centers will face water and food shortages in the face of longer, more frequent droughts and melting glaciers. Shortages will decrease water availability for drinking, agriculture, and power generation. Climate change-induced impacts on water quality and quantity are among the greatest challenges facing our students’ generation, and dealing with these problems requires that we build strength in disciplines that contribute to the resiliency of our social, economic, and natural and engineered water systems. It is thus not surprising that funding agencies such as the World Bank, the World Health Organization, the U.S. Environmental Protection Agency, NSF, and also local foundations (e.g., Blue Moon Foundation and the Chesapeake Bay Foundation) seek to
support cutting-edge research in this area. The University of Virginia will hire seven new faculty members in the area of Resilience in the Face of Environmental Change to leverage existing relevant strengths in environmental science and environmental engineering. This position will be expected to take a leadership role among this cluster of new faculty.

Candidates must have a PhD in Civil Engineering, Environmental Engineering, Earth and Environmental Sciences, or a closely related discipline as well as demonstrate a strong history of service to the profession. A record of excellence in teaching, research, service, outreach, and leadership in Environmental Engineering and/or Environmental Science; a vision and a long-term commitment to help bring these departments to new heights of international excellence; extensive experience in teamwork and effectively leading interdisciplinary groups; excellent communication (oral and written), interpersonal, and team building skills; skills in institutional advancement and a track record of securing funding, especially from external agencies; commitment to diversity and respect for others are required. Preference will be given to candidates who are internationally recognized for research under the broad umbrella of resiliency in the face of environmental change and to those who are effective mentors to students and an effective classroom instructor.

The award of tenure-eligible requires documentation of excellence in one area (research or teaching), scholarship and regional reputation. The award of tenure requires documented excellence in two areas (research or teaching), scholarship and emerging national reputation.

The University of Virginia is annually ranked as one of the premier public institutions in the United States and is located in Charlottesville, a picturesque small but cosmopolitan city perennially ranked as one of the best places to live in the U.S. The University of Virginia is distinctive among institutions of higher education. Founded by Thomas Jefferson in 1819, the University sustains the ideal of developing leaders who are prepared to shape the future of the nation. The University is public, while nourished by the strong support of its alumni. The students who attend have been chosen because they show exceptional promise. Since U.S. News and World report began ranking public universities as a separate category, UVA has been among the top three universities.
To apply, visit https://jobs.virginia.edu and search on Posting Number 0617880. Complete a Candidate Profile online, attach a cover letter stating your interest in the position along with research and teaching interests and a CV.

For nominations and additional information about the position, please contact James A. Smith, jsmith@virginia.edu. Please include the nominee's contact information and know the search will be carried out with full confidentiality.

For additional information about the application process, please contact cee-evsc-search@virginia.edu. The University of Virginia is an affirmative action/equal opportunity employer. Women, minorities, veterans, and persons with disabilities are encouraged to apply.

A more detailed position description can be found in a document attached to this posting and through the departments’ web sites at http://www.evsc.virginia.edu and http://cee.virginia.edu.