

DEPARTMENT *of* ENVIRONMENTAL SCIENCES

 AT THE UNIVERSITY OF VIRGINIA

The University of Virginia College and Graduate School of Arts & Sciences Department of Environmental Sciences invites applicants for a tenure-track Assistant Professor position in Critical Zone Hydrology. We seek candidates who are dedicated to our mission and passionate about research and teaching. The position in critical zone hydrology lies at the intersection of geosciences and hydrology, two core areas of our department. Examples of research in this area include, but are not limited to, water-rock interactions, linked hydrological and soil biogeochemical processes, soil water dynamics, hydroclimatological controls on soil and vegetation co-evolution, and the soil-plant-atmosphere continuum. We are particularly interested in scientists who can link CZ processes with climate change and impacts on human societies. Regardless of subdiscipline, we wish to hire an outstanding scientist who will thrive in an interdisciplinary department.

In addition to developing external funding to support research endeavors, candidates will be expected to teach at the graduate and undergraduate levels and provide service to the University, Department, and professional organizations.

This position is part of a multi-year Grand Challenge Research Initiative in Environmental Resilience and Sustainability, with a focus on climate solutions, that was started by the University of Virginia in 2022. The University will invest \$60 million in two areas: research on clean energy pathways, and research and translation to help local communities develop best practices for responding to climate change. In addition to substantial research support, the University will hire over 15 faculty across six schools, including the College of Arts and Sciences.

The \$10 million [Climate Collaborative](#), led by the [UVA Environmental Resilience Institute](#), will support large, interdisciplinary research teams in specific localities dealing with climate-related challenges. University teams will work with external partners, including policymakers, business leaders, local citizens, community groups and officials, to co-create climate adaptation and mitigation strategies that are based on cutting edge research and are actionable. Successful candidates are expected to engage with the Climate Collaborative initiative and will have access to resources to support research and training.

Qualifications:

Applicants must hold a Ph.D. in the environmental sciences or related field at the time of appointment. Successful candidates would be expected to teach the introductory course for undergraduate majors in physical hydrology, along with upper-level undergraduate and graduate courses in the candidate's areas of expertise.

Application Process:

Please apply online at https://uva.wd1.myworkdayjobs.com/en-US/UVAJobs/details/Assistant-Professor-in-Critical-Zone-Hydrology_R0041748 and attach a cover letter, curriculum vitae, contact

information for three references, research statement, teaching statement, and a statement on diversity, equity, and inclusion (DEI) including any demonstrated past experience working on DEI issues of and/or working with diverse populations.. Finalists for the position will be asked to provide a statement outlining what kinds of intellectual and/or institutional contributions that they could envision making to the Climate Collaborative Initiative. Each statement (excluding CV) should not exceed two single-spaced pages.

Application Deadline:

Review of applications will begin January 2, 2023; however, the position will remain open until filled. The appointment start date will begin August 21, 2023. The University will perform background checks on all new hires prior to employment.

Questions regarding the application process should be directed to: Rich Haverstrom, Faculty Search Advisor, at rkh6j@virginia.edu.

For questions regarding the position, please contact the Search Committee Chair Patricia Wiberg at pw3c@virginia.edu.

For information on the benefits available to members of the academic faculty at UVA, visit <https://hr.virginia.edu/benefits>.

UVA assists faculty spouses and partners seeking employment in the Charlottesville area. To learn more please visit <https://dualcareer.virginia.edu/> For more information about UVA and the Charlottesville community please see <http://www.virginia.edu/life/charlottesville> and <https://embarkcva.com/>.

COVID Vaccination Requirement and Guidelines

Please visit the [UVA COVID-19 Job Requirements and Guidelines](#) webpage prior to applying for current information regarding vaccination requirements and guidelines for employment at UVA.

The University of Virginia, including the UVA Health System which represents the UVA Medical Center, Schools of Medicine and Nursing, UVA Physician's Group and the Claude Moore Health Sciences Library, are fundamentally committed to the diversity of our faculty and staff. We believe diversity is excellence expressing itself through every person's perspectives and lived experiences. We are equal opportunity and affirmative action employers. All qualified applicants will receive consideration for employment without regard to age, color, disability, gender identity or expression, marital status, national or ethnic origin, political affiliation, race, religion, sex (including pregnancy), sexual orientation, veteran status, and family medical or genetic information.