

Assistant/Associate Professor of Watershed Hydrogeochemistry

The Department of Environmental Sciences at the University of California Riverside invites applicants for a full-time Assistant/Associate Professor of Watershed Hydrogeochemistry. Exceptional candidates in all areas of specialization in watershed-scale Hydrogeochemistry will be considered, with preferences given to qualifications in one or more of the following areas: tracer hydrology, stream and lake biogeochemistry, isotope hydrology, reactive transport processes and modeling, contaminant fate and transport, and water quality. The appointment will consist of a split 0.5 FTE I&R (Instruction and Research) and 0.5 FTE OR (Organized Research) appointment in the Agricultural Experiment Station (<https://cnas.ucr.edu/resources/agricultural-experiment-station>).

The successful candidate will support the Department's excellence in hydrology and water resources both at the undergraduate- and graduate-level. This hire will complement existing departmental and campus-wide faculty working on areas related to water resources and hydrogeochemistry (watershed processes, water movement and transport in soils, surface water and groundwater quality, urban/agricultural irrigation, and water management), water policy, climate change, and aquatic ecology. The successful candidate will have a strong track-record of peer-reviewed publications, proven record of, or exceptional promise for, developing a vibrant externally funded research program, and a portfolio of high-quality teaching at the undergraduate and graduate levels.

The successful candidate is expected to integrate field-based research with laboratory analyses and/or numerical modeling, and work at broad spatial scales. Examples of research foci include but are not limited to: 1) understanding catchment residence time and timescales of water flow to predict catchment response to climate change and management, 2) understanding and simulating multicomponent reactive transport processes, 3) contaminant fate and transport in the surface and subsurface hydrologic systems, 4) developing and advancing water quality models, and/or 5) improving estuarine and river water quality. It is desirable that the candidate's research generate results that can be used by policy makers to enhance the sustainability of water resources within California. The successful candidate is encouraged to contribute and/or provide leadership to the campus-wide multidisciplinary initiative in water research (R'Water) through research and outreach activities. The faculty member may assume responsibility for teaching ENSC 140 (Limnology); and contribute to teaching ENSC 101 (Water Resources), and/or graduate-level courses on advanced topics in hydrogeochemistry and water quality.

Required qualifications for this position include:

A Ph.D. in Hydrologic Sciences, Water Resources, Water Resources Engineering, Hydrogeochemistry, Environmental Science, Environmental Engineering, or a related field is required.

Preferred qualifications for this position include:

Assistant level only: Demonstration of potential for securing competitive funding at the federal level. Strong track record of high-quality publications.

Associate/Full level only: Evidence of securing competitive extramural funding at the federal level. Evidence of leading large research teams. Excellent teaching records.

To apply: For consideration at an Assistant level, submit a cover letter, a curriculum vitae, three letters of references, a Statement of Research, a Statement of Teaching, and a Contribution to Diversity Statement to <https://aprecruit.ucr.edu/apply/JPF01611>. For consideration at an Associate level, submit a cover letter, a curriculum vitae, teaching evaluations, contact information for three references, a Statement of Research, a Statement of Teaching, and a Contribution to Diversity Statement to <https://aprecruit.ucr.edu/apply/JPF01611>.

Review of applications will commence on November 15, 2022 and proceed until the position is filled. For full consideration, applicants should submit their complete applications prior to the above date.

Advancement through the Professor ranks at the University of California is through a series of structured, merit-based evaluations, occurring every 2-3 years, each of which includes substantial peer input.

For more information about this position, please contact Dr. Hoori Ajami, Chair of the Search Committee, Department of Environmental Sciences, at hooria@ucr.edu. For questions on application procedures and requirements, please contact Ms. Guadalupe Figueroa Academic Personnel, at guadalupe.figueroa@ucr.edu.

UCR is a world-class research university with an exceptionally diverse undergraduate student body. Its mission is explicitly linked to providing routes to educational success for underrepresented and first-generation college students. A commitment to this mission is a preferred qualification.

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, protected veteran status, or any other characteristic protected by law.

University of California COVID-19 Vaccination Program Policy: As a condition of employment, you will be required to comply with the University of California [SARS-CoV-2 \(COVID-19\) Vaccination Program Policy](#). All Covered Individuals under the policy must provide proof of Full Vaccination or, if applicable, submit a request for Exception (based on Medical Exemption, Disability, and/or Religious Objection) or Deferral (based on pregnancy) no later than the applicable deadline. Please refer to Appendix F, Section II.C. of the policy for the deadlines applicable to new University of California employees. (Capitalized terms in this paragraph are defined in the policy.) Federal, state, or local public health directives may impose additional requirements.