UNIVERSITY OF CALIFORNIA, RIVERSIDE
Faculty Position
WATERSHED HYDROLOGIST

**Position Description:** The Department of Environmental Sciences at the University of California, Riverside invites applications for a 9-month tenure track position in watershed hydrology at the rank of Assistant Professor. The position has 25% Instruction and Research and 75% Organized Research in the Agricultural Experiment Station (http://cnas.ucr.edu/about/anr/). Salary is commensurate with education and experience.

**Research:** The successful candidate will be expected to develop a nationally recognized research program in watershed hydrology focused on hydrologic phenomena at the watershed to river basin scale. This scientist will integrate advanced techniques, such as regional-scale hydrological modeling, geographical information systems (GIS), and remote sensing, with field observations and measurements. Desirable research areas are generally outside of the engineering hydrology field (infrastructure analysis, design, construction, and operation) and may include the prediction and assessment of watershed dynamics (e.g., timing, frequency, and duration of runoff events), and regional changes in snowpack, groundwater/soil water storage, and evapotranspiration in response to climate change, land cover change, and disturbances in agricultural, wildland, and urban/suburban landscapes. The incumbent will be encouraged to work with current faculty in related fields including limnology, environmental chemistry, water resource management, water resource economics, climate modeling, and terrestrial and fire ecology.

**Teaching:** The successful candidate is expected to be fully engaged in the teaching mission of the department and university, including formal classroom instruction in the Environmental Sciences undergraduate and graduate degree programs (including mentoring of both M.S. and Ph.D. students). Teaching responsibilities will include undergraduate physical hydrology and GIS and graduate instruction in the candidate’s area of specialty.

**Application:** A Ph.D. in hydrology, or related field and a proven ability to conduct innovative hydrologic research are required. Evaluation of applications will begin on December 1, 2014, but the position will remain open until filled. Applications must include a vita, statements of research and teaching interests, teaching philosophy, and a list of four professional references with contact information. All application materials, including letters of recommendation, must be submitted through AP Recruit at: https://aprecruit.ucr.edu/apply/JPF00229.

For more information about the position, please contact Dr. Robert Graham, Chair of Search Committee, Department of Environmental Sciences, University of California, Riverside; robert.graham@ucr.edu. Additional information about the Department of Environmental Sciences can be found at: http://envisci.ucr.edu/.

*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, national origin, age, disability, protected veteran status, or any other characteristic protected by law.*