

Postdoctoral Researcher Position in Coupled Surface Water-Groundwater Modeling

The Catchment Hydrology and Spatial Analysis Lab (<https://www.hooriajami.ucr.edu/>) in the Department of Environmental Sciences at University of California, Riverside, CA invites applications for a postdoctoral researcher position on **Coupled Surface Water-Groundwater Modeling**. The selected candidate will work as part of the NSF INFEWS project and will perform numerical experiments using the SWAT-MODFLOW model. The specific objectives of the project are to improve understanding of surface water-groundwater interactions at catchment scale, and assessing the impacts of climate variability and land cover change on water resources. This research position will provide an exceptional professional development opportunity in a highly collaborative, multidisciplinary environment.

Qualifications:

The successful candidate should hold a Ph.D. in Hydrology, Civil and Environmental Engineering or a related field with a specialization in physical hydrology or hydrogeology. Candidates must have received a PhD within the past five years from an accredited college or university.

Skills:

The ideal candidate will have:

- Strong programming skills;
- Experience using SWAT and MODFLOW models;
- Demonstrated record of high-quality publications;
- Work independently and in collaboration with faculty and other researchers in the group

Application contents:

- Cover letter describing the applicant's research experiences and interests;
- Curriculum vitae;
- Names, addresses, emails, and phone numbers for 3 references

Contact:

Applications or informal inquiries can be sent to Dr. Hoori Ajami (hoori.ajami@ucr.edu). The initial appointment will be for one year with the possibility of annual renewal based on performance and the availability of funds.

The University of California is an Equal Opportunity / Affirmative Action Employer with a strong institutional commitment to the achievement of excellence and diversity among its faculty and staff. 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.