

Post-doctoral Research Associate Position in Integrated Hydrologic Modeling of Agroecosystems

The Catchment Hydrology and Spatial Analysis Lab (<https://www.hooriajami.ucr.edu/>) in the Department of Environmental Sciences at the University of California-Riverside invites applications for a Post-doctoral Research Associate position in Integrated Hydrologic Modeling to understand ecohydrologic processes of agricultural ecosystems in the Lower Colorado River basin. The specific objectives of the project is to improve understanding of surface water-groundwater interactions, and assess the impacts of irrigation management practices and climate change on water resources.

The Post-Doctoral Research Associate is expected to actively participate in and lead regular and annual project meetings as well as lead papers stemming from this work. This position will provide the successful candidate with professional development opportunities within the context of a highly collaborative, multi-institutional, and interdisciplinary team. This position is for one year with the possibility of extension for another year based on performance evaluation.

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.

Skills:

The ideal candidate will have:

- Strong programming skills in a Unix/Linux environment
- Experience using ParFlow.CLM or other integrated modeling platforms
- Experience with High Performance computing
- Demonstrated record of high-quality publications
- Demonstrated success working and communicating in a team environment
- Excellent communication and presentation skills

Application content:

- One page cover letter describing the applicant's research experiences and interests
- Curriculum vitae
- Names, addresses, emails, and phone numbers for 3 academic referees

Contact:

Applications or informal inquiries can be sent to Dr. Hoori Ajami (hooria@ucr.edu) with "USDA NIFA postdoc" in the subject line. Applications will be accepted immediately and until the position is filled.

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.