

Postdoctoral researcher position in Integrated Groundwater-Land Surface 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 Integrated Groundwater-Land Surface Modeling. The selected candidate will lead **Integrated Groundwater-Land Surface Modeling** experiments using the ParFlow.CLM model as part of an interdisciplinary team of hydrologists and climate scientists. The specific objectives of the project are to improve understanding of surface water-groundwater interactions at large catchment scale, and assess the impacts of climate variability and land cover change on groundwater 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 in a Unix/Linux environment;
- Experience using ParFlow.CLM;
- Experience with High Performance computing;
- Demonstrated record of high-quality publications;
- Experience working in a collaborative research environment

Application contents:

- Cover letter describing the applicant's research experiences and interests
- Curriculum vitae
- Names, addresses, email, and phone number 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 amount 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.