

Assistant Specialist

The Department of Environmental Sciences at the University of California, Riverside invites applications for an Assistant Specialist position. The selected candidate will conduct apparent electrical conductivity (ECa) directed soil sampling surveys in micro-irrigated pistachio orchards and grape vineyards. The selected candidate will conduct ECa surveys on 10-20 fields per year with EMI and gamma-ray equipment using ECa-directed sampling protocols and guidelines that have been modified for the highly variable soil conditions typically found in micro-irrigated fields. The collected salinity data will be used to validate the modified sampling protocols and will be added to an existing database for enhancing the robustness of the US Salinity Lab regional-scale salinity model for the San Joaquin Valley. The selected candidate will assist instructing visiting scientists and students on ECa-directed soil sampling protocols. Some overnight travel is required for this position.

Basic qualifications for this position include a B.S. degree in Environmental Science, Soil Science, or related field.

Preferred qualifications for the position include a M.S. in Environmental Science, Soil Science, or a related field. Advanced knowledge of GIS, knowledge of soil salinity assessment techniques and technologies, and experience with the field sampling design software ESAP is preferred as well.

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.

Advancement through the Specialist Series 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.

Applicants should submit a Curriculum Vitae, Statement of Past and/or Planned Future Contributions to Advancing Diversity and provide three letters of reference to <https://aprecruit.ucr.edu/apply/JPF01291>. Review of applications will commence on July 9, 2020 and proceed until position is filled. For full consideration, applicants should submit their complete applications prior to the above date.

For questions on application procedures and requirements, please contact Ms. Guadalupe Figueroa, Academic Personnel, at guadalupe.figueroa@ucr.edu.