

Project Scientist

with the California Institute for Water Resources

(Assistant Rank-Represented)

Position Overview

Location Headquarters: UC ANR, Davis, CA

The University of California Division of Agriculture and Natural Resources (UC ANR) offers a unique recruitment opportunity for a **Project Scientist (Assistant Rank) with the California Institute for Water Resources**. UC ANR operates a statewide network of researchers, educators and support staff dedicated to the development and application of knowledge to address local agricultural, environmental and (community) health issues. Research, outreach and education from local Cooperative Extension offices serves all 58 counties from 70+ locations throughout the state. Our mission is to bring the University of California's research, extension and education programs directly to Californians to support:

- Sustainable, safe, and nutritious food production and delivery
- Economic success in a global economy
- A sustainable, healthy, and productive environment
- Science literacy and youth development

By working and living among those we serve, UC ANR expands the University of California's reach to engage all people and communities in California, ensuring equal access to the UC system.

Introduction:

The California Institute for Water Resources (CIWR) is a statewide program located within UC ANR. CIWR is based in Davis, CA, and has staff throughout the state of California. CIWR conducts research on sustainable water resources management for urban, environmental, and agricultural systems. CIWR is a member of the National Institutes for Water Resources and serves as a hub of water research in California. CIWR supports water research projects throughout the state, conducts research on urban and water resources management, and runs extension programs for improved irrigation and Climate-Smart Agricultural practices.

Purpose and Clientele:

The Project Scientist will support CIWR's water access and equity program, focusing on projects to improve water and sanitation access. The Project Scientist will:

- Use knowledge of water and wastewater systems to identify research and extension needs and gaps for water-related sanitation access in California.
- Support a multidisciplinary team to evaluate baseline conditions for water-related sanitation systems.



- Collaborate with UC ANR Cooperative Extension offices to collect local and regional information that informs an assessment of current gaps in water-related sanitation access in California.
- Support or lead outreach to community groups and community-based organizations to understand equity and access gaps for water and sanitation access.
- Collect and analyze knowledge from peer-reviewed studies, industry studies, and field work from extension specialists regarding the function and use of on-site water-related sanitation systems.

Major Duties and Responsibilities:

Identify, Compile, and Analyze Knowledge of Water and Sanitation in California (40%):

- Lead outreach to academic researchers and agencies throughout the state to collect and analyze reports and data on water and sanitation services in underserved areas.
- Carry out planning, problem resolution, and administration of CIWR projects.
- Initiate communications and data collection with internal UCANR colleagues and external collaborators
- Initiate discussions with agencies and communities related to projects.
- Participate in outreach and extension efforts to address research needs.
- Participate in conferences and workshops.
- Support development of summary products and annual reports.

Data Collection, Management and Analysis (40%):

- Coordinate data collection and entry and ensure quality and accuracy of data.
- Conduct analyses of datasets and prepare summary statistics, tables, and graphs.
- Independently write and present reports. Assist in preparing and reviewing drafts of papers and posters to ensure accuracy.

Writing and Publications (20%):

- Prepare high quality written and attractive materials including reports, program and project impact statements, blog posts, briefings, executive summaries, and presentations.
- Conduct literature reviews and summarize existing research relevant to projects.
- Support and contribute to authoring peer-reviewed journal articles.
- Prepare extension publications to disseminate research results.
- Prepare and give presentations.

Reporting Relationship: The project scientist serves under the administrative guidance of the University of California Director for the California Institute of Water Resources.

Qualifications and Skills Required

Required Qualifications:

Education: A minimum of a Ph.D. degree in environmental science, environmental policy, public policy, sociology, engineering, regional planning/development or a closely related field is required at the time of appointment.

Additional Requirements

- Demonstrated research experience through a combination of publications, professional experience in one or more previous positions, utilizing the techniques or methods required by the position and demonstrating technical knowledge.
- Knowledge of scientific and sociological challenges for water, sanitation, and health access

- Expertise in principles and methods for environmental science, environmental studies, water management and/or environmental engineering.
- Experience with programming GIS and geodatabases
- Ability to work independently and seek guidance when needed, demonstrated through academic research, professional experience, or a combination.
- Excellent verbal, written, and interpersonal communication skills and presentation skills.
- This is not a remote position. The candidate must be available to be onsite.

Desired Experience

- Proficiency in software such as ArcGIS Pro, R, or Python.
- Demonstrated ability to independently utilize scientific literature, online databases, and other relevant resources to apply to research projects and design of experiments.
- Knowledge/experience in procedures for collecting and synthesizing data from various sources, including publications, reports, surveys, and community outreach.
- Prior professional experience in applied water research.
- Proficiency in Spanish

Skills Required: To be successful, a Project Scientist requires skills in the following:

Technical Competence and Impact

- Interact with collaborating scientists to achieve project objectives.
- Collect and analyze data for agency reporting and journal publications. Participate in extension education and outreach activities.

Communication

- Demonstrated excellence in written, oral, interpersonal and information technology communication skills.
- Skills to communicate and extend technical information to diverse audiences are required.
- Participation in professional societies and conferences and ability to give presentations at seminars and continuing education functions.

Collaboration, Teamwork and Flexibility

- Demonstrated ability to work collaboratively as a team member with others.
- Able to adapt as circumstances warranted.
- Promote diversity, equity and inclusion.

Lifelong Learning

Demonstrated commitment to ongoing self-improvement - both professionally and as a person.

About UC ANR

The University of California, Division of Agriculture and Natural Resources (UC ANR) consists of a network of scientists and educators working in partnership across the California. We are committed to developing and supporting healthy food systems, healthy environments, healthy communities, and healthy Californians. UC ANR administers UC Cooperative Extension (UCCE), which is responsible for program development and delivery in the counties throughout the state of California.

Learn more about

- UC ANR at <https://UCANR.edu>
- California Institute for Water Resources: <https://ciwr.ucanr.edu/>
- Our Strategic Initiatives <http://ucanr.edu/sites/StrategicInitiatives/>

- Our Public Value statements at: https://ucanr.edu/sites/anrstaff/Divisionwide_Planning/UC_ANR_Public_Values/
- Affirmative Action: Further to the above, all UC ANR academics are expected to share and exhibit UC ANR's commitment to affirmative action. Learn more of UC ANR Affirmative Action policy: http://ucanr.edu/sites/anrstaff/Diversity/Affirmative_Action/
- The University of California Agriculture and Natural Resources is committed to attracting and retaining a diverse workforce and will honor your experiences, perspectives and unique identity. We encourage applications from members of historically underrepresented racial/ethnic groups, women, individuals with disabilities, veterans, LGBTQ+ community members, and others who demonstrate the ability to help us create and maintain working and learning environments that are inclusive, equitable and welcoming.

Salary & Benefits

SALARY: Beginning salary will be in the Assistant Project Scientist Rank from Step 1 - \$71,500 to Step 2 \$75,300 annually. Step placement in this series is based on experience. For information regarding the Project Scientist non-represented series salary scales, please refer to <https://www.ucop.edu/academic-personnel-programs/files/2023-24/july-2023-acad-salary-scales/t37-b.pdf> This is a represented position.

The Assistant Project Scientist position is a definite term appointment. The position is a one-year renewable term appointment with a merit cycle every two years. The performance in the position will be evaluated annually. The position will be extended based on the continued need for the position, performance and availability of funding.

Benefits: The University of California offers comprehensive benefits including health insurance, retirement plans, two days per month paid vacation, one day per month paid sick leave, and holidays. For more information, refer to the UC Benefits website at: <https://ucnet.universityofcalifornia.edu/compensation-and-benefits/index.html>.

How to Apply

If interested in this position, please visit: <https://recruit.ucanr.edu/> and choose "applicants" (refer to position #23-15)

Closing Date: To assure full consideration, application packets must be received by **October 25, 2023** (open until filled).

Questions?

Recruitment Questions: Contact Mikyla Perez – email: mikperez@ucanr.edu

Other Questions: Contact fecjoye@ucanr.edu

Applicants may wish to explore the UC Davis Services for International Students and Scholars web page at <https://siss.ucdavis.edu> and the [UC ANR Green Card Sponsorship Guidelines & FAQ's](#) for reference.

University of California Cooperative Extension

As a University employee, you will be required to comply with all applicable University policies and/or collective bargaining agreements, as may be amended from time to time. Federal, state, or local government directives may impose additional requirements.

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, disability, age, protected veteran status or other protected categories covered by the UC nondiscrimination policy.

As of January 1, 2014, ANR is a smoke- and tobacco-free environment in which smoking, the use of smokeless tobacco products, and the use of unregulated nicotine products (e-cigarettes), is strictly prohibited