

Assistant Researcher - Ecohydrology - Department of
Environmental Science, Policy, and Management
University of California Berkeley

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Posted Apr. 4, 2025, set to expire May 5, 2025

Job Title	Assistant Researcher - Ecohydrology - Department of Environmental Science, Policy, and Management
Department	Environmental Science, Policy, and Management
Institution	University of California Berkeley Berkeley, California
Date Posted	Apr. 4, 2025
Application Deadline	05/05/2025
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Environmental Science & Ecology
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Job Description

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Assistant Researcher - Ecohydrology - Department of Environmental Science, Policy, and Management

Position overview

Salary range: The UC academic salary scales set the minimum pay determined by rank and step at appointment. See the following table(s) for the current salary scale(s) for this position

https://www.ucop.edu/academic-personnel-programs/_files/2024-25/july-2024-scales/t13-b.pdf A reasonable estimate for this position is \$90,200 - \$117,900

Percent time:

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100%

Anticipated start: Spring 2025

Position duration: One year with the possibility of extension based on performance and availability of funding.

Application Window

Open date: April 3, 2025

Most recent review date: Thursday, Apr 17, 2025 at 11:59pm (Pacific Time)

Applications received after this date will be reviewed by the search committee if the position has not yet been filled.

Final date: Monday, May 5, 2025 at 11:59pm (Pacific Time)

Applications will continue to be accepted until this date, but those received after the review date will only be considered if the position has not yet been filled.

Position description

The Quantitative Ecosystem Dynamics group in the Department of Environmental Science, Policy, and Management at UC Berkeley is looking for an Assistant Professional Researcher who will contribute to multiple ongoing projects in the group, with a particular emphasis on ecohydrology and the use of remote sensing observations to infer hydrological controls on ecosystem function.

The Quantitative Ecosystem Dynamics Lab studies terrestrial ecosystems and how they respond to climate variability and long-term change, as well as related feedbacks to the atmosphere through ecosystem carbon sequestration, water use and energy flows.

The Assistant Professional Researcher in this role will also be expected to maintain an active, independent research agenda in the field of eddy covariance and remote sensing science. Research should focus on the collection, processing, and/or analysis of eddy covariance and remote sensing data with the goal of improving understanding of ecosystem greenhouse gas emissions. The Researcher will be expected to collaborate locally, as well as domestic and international colleagues conducting flux research.

Research duties:

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- Develop an independent research program using remote sensing and eddy covariance flux data to better understand carbon cycling in ecosystems.
- Develop a robust publication record and secure grant funding from relevant federal, state, and philanthropic sources.

Specific responsibilities of the position include the following:

- Data management and data analysis
- Manuscript preparation
- Present research at international conferences
- Contribute to grant proposals
- Mentoring students

Qualifications

Basic qualifications (required at time of application)

PhD (or equivalent international degree)

Preferred qualifications

- At least 3 years of Postdoctoral experience in the flux research area.
- Experience leading research teams.
- Field experience, preferably including instrument and experimental design experience planning in-person and virtual meetings.
- Experience analyzing eddy covariance flux data.
- Exceptional organizational skills.
- Strong attention to detail.
- Strong numerical and communication skills.
- A network of professional connections within the FLUXNET community.
- Record of peer-reviewed publications.
- Strong programming skills in at least one of Python/R/Matlab.
- Experience conducting field-based research, preferably with eddy-covariance measurements.
- Ability to work independently and as part of a larger team.

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Application Requirements

Document requirements

- Curriculum Vitae - Your most recently updated C.V.
- Statement of Research
- Cover Letter (Optional)

Reference requirements

- 3 required (contact information only)

Apply link: <https://aprecruit.berkeley.edu/JPF04769>

Help contact: trevorkeenan@berkeley.edu

About UC Berkeley

UC Berkeley is committed to diversity, equity, inclusion, and belonging. The excellence of the institution requires an environment in which the diverse community of faculty, students, and staff are welcome and included. Successful candidates will demonstrate knowledge and skill related to ensuring equity and inclusion in the activities of their academic position (e.g., teaching, research, and service, as applicable).

The University of California, Berkeley is an Equal Opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, or protected veteran status.

Please refer to the [University of California's Affirmative Action and Nondiscrimination in Employment Policy](#) and the [University of California's Anti-Discrimination Policy](#).

In searches when letters of reference are required all letters will be treated as confidential per University of California policy and California state law. Please refer potential referees, including when letters are provided via a third party (i.e., dossier service or career center), to the [UC Berkeley statement of confidentiality](#) prior to submitting their letter.

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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.

As a condition of employment, the finalist will be required to disclose if they are subject to any final administrative or judicial decisions within the last seven years determining that they committed any misconduct, are currently being investigated for misconduct, left a position during an investigation for alleged misconduct, or have filed an appeal with a previous employer.

- "Misconduct" means any violation of the policies or laws governing conduct at the applicant's previous place of employment, including, but not limited to, violations of policies or laws prohibiting sexual harassment, sexual assault, or other forms of harassment, discrimination, dishonesty, or unethical conduct, as defined by the employer.
- [UC Sexual Violence and Sexual Harassment Policy](#)
- [UC Anti-Discrimination Policy for Employees, Students and Third Parties](#)
- [APM - 035: Affirmative Action and Nondiscrimination in Employment](#)

Job location

Berkeley, CA

To apply, visit <https://aprecruit.berkeley.edu/JPF04769>

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

N/A

University of California Berkeley

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