

ASSISTANT PROFESSOR IN FRESHWATER ECOLOGY AND CONSERVATION
University of California, Berkeley

The Department of Environmental Science, Policy, and Management (ESPM) in the College of Natural Resources at the University of California, Berkeley invites applications for a tenure-track position at the assistant professor level in Freshwater Ecology and Conservation with an expected start date of July 1, 2017.

The successful recruit is expected to develop an internationally recognized research program on the ecology and conservation of freshwaters. Possible areas of emphasis for this position would include:

- freshwater population, community, or ecosystem ecology
- conservation of freshwater species and populations
- bio-indicators for freshwater ecosystem health and restoration
- population dynamics of key freshwater species or functional groups
- biological responses to hydrologic variability, water resource management, and terrestrial watershed management
- influence of drought and climate change on native and invasive species, and the persistence of freshwater ecosystems
- global change biology with a focus on freshwater systems

Research in these or other areas may represent local, regional, and global scales and should make contributions to both basic and applied aspects of freshwater science. We seek an individual who applies innovative tools and novel approaches to meet public demand for science that conserves freshwater taxa and ecosystems, particularly in the face of increasing societal demands on freshwater resources.

Freshwater ecology has enormous social, economic, and political relevance in California, nationally, and globally. This position will build synergies and collaborations in ESPM and across our campus with faculty sharing related interests and expertise in, among others, ecology, hydrology, fluvial geomorphology, evolution, genetics, forestry, range management, restoration ecology, and statistics. Research in freshwater ecology and conservation at UC Berkeley has tremendous opportunities for funding, extensive possibilities for collaboration and off-campus outreach, and serves as a major draw to highly competitive graduate and undergraduate students.

The Department of Environmental Science, Policy, and Management is a community of scholars from the biological, physical, and social sciences who endeavor to understand and sustain the ecosystems of the world. Our approach is by necessity interdisciplinary given the complexity of the questions we ask and the problems we confront. We are home to a top-ranked graduate program in environmental science and a vibrant mix of undergraduate majors. The Berkeley campus has a rich history in freshwater science, including aquatic entomology, fish ecology, hydrology, fluvial geomorphology, and conservation science, and our department maintains close relationships with the faculty of allied departments (including Berkeley Law) and museums, including Berkeley's Essig Museum of Entomology and the Museum of Vertebrate Zoology. Our collaborative multi- and interdisciplinary approach to environmental sciences will provide the successful candidate with outstanding opportunities for intellectual and professional achievement.

The successful applicant will have or be working toward a Ph.D. degree in ecology, entomology, zoology, environmental science, conservation biology, or a related biological discipline with a demonstrated

record of research excellence using innovative approaches and broad array of research techniques (e.g., experiments, interdisciplinary studies, and modeling). At a minimum, applicants must have completed all degree requirements for the Ph.D. or equivalent degree with the exception of dissertation at the time of application. Ph.D. or equivalent degree is required by the appointment start date. Preferred qualifications include demonstrated excellence in research, extensive field or lab experience, evidence of outstanding scholarship within a relevant discipline, a dedication to excellence in teaching at the undergraduate and graduate level, and a commitment to working in an inclusive and interdisciplinary environment.

Serious consideration will be given to the candidate's potential for success in mentoring Ph.D. students and teaching at both the undergraduate and graduate levels. Professional service, including issues of access to and diversity in higher education and the academic profession will also be considered. The successful applicant will be responsible for teaching an undergraduate course and graduate course of their design in freshwater ecology. To learn more about our department please visit:

<http://ourenvironment.berkeley.edu/>.

Applications should be submitted online at <https://aprecruit.berkeley.edu/apply/JPF01139>

Candidates should submit the following materials for a complete application:

- A cover letter
- A current curriculum vitae
- A statement of research interests and experience
- A statement of teaching philosophy including contributions to diversity (i.e., experience and goals for bringing freshwater science to underrepresented groups)
- Three publications or other writing samples
- Three letters of recommendation

Each document should be submitted as a separate pdf file. Filenames should include the applicant's last and first names. 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 (<http://apo.berkeley.edu/evalltr.html>) prior to submitting their letters.

The closing date for applications is October 14, 2016. Please direct questions to espm_recruit@berkeley.edu.

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, or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy see: <http://policy.ucop.edu/doc/4000376/NondiscrimAffirmAct>.

The department seeks candidates whose research, teaching, or service has prepared them to contribute to our commitment to diversity and inclusion in higher education. The department is also committed to addressing the family needs of faculty, including dual career couples and single parents. For more information, please go to <http://ofew.berkeley.edu/new-faculty>.