

ASSISTANT PROFESSOR IN SUSTAINABLE AGRICULTURAL SYSTEMS

DEPARTMENT OF ENVIRONMENTAL SCIENCE, POLICY, AND MANAGEMENT UNIVERSITY OF CALIFORNIA, BERKELEY

The Department of Environmental Science, Policy and Management (ESPM) at the University of California at Berkeley is recruiting for a tenure-track (academic-year) assistant professor in the field of sustainable agricultural systems, with an expected start date of July 1, 2014. The position includes a joint appointment in the California Agricultural Experiment Station. We are looking for a biophysically-oriented scientist who takes a systems and/or resilience perspective to sustainable agricultural production, particularly if emphasizing the science and management of soil-based processes (water, nutrients, carbon, etc.). ESPM is a large, diverse department with strong natural and social science contingents that directs itself towards multi-disciplinary approaches to environmental problem-solving. The successful candidate will fit with ESPM's mission and will contribute to programs of the new Berkeley Food Institute (<http://www.berkeleyfoodinstitute.org>), by conducting research and teaching that is sensitive to rapidly changing social, political, and environmental contexts and oriented toward finding solutions to environmental problems.

The successful applicant will be expected to develop a nationally recognized research program within the arena of agriculture systems resilience/sustainability. Potential research topics might include: comparative analysis of ecologically-based management systems impacts on soil and nutrients, water quality and use, and energy use efficiency and yield; performance of crop varieties developed with novel nutrient and/or pest management properties; comparative studies of agroecological and conventional farming systems and their resistance and resilience to environmental disturbance; or analysis of techniques to improve hydrological and nutrient efficiency. The successful candidate will teach an undergraduate course in some aspect of Sustainable Agriculture, Agricultural Biogeochemistry, or other topics, and will contribute to the Department's overall teaching needs at the graduate and undergraduate levels. The candidate will also interact with faculty at UC Berkeley focusing on agricultural policy and economics, agro-food studies, green governance, nutrition, development, population and environment, public health, and global poverty. The new Berkeley Food Institute is a natural place to unite these interests and the successful candidate would be expected to participate extensively in building the new Institute. The candidate will work with Cooperative Extension specialists in ESPM to extend findings to growers and the general public.

The minimum requirement to be considered as an applicant for this position is the completion of all degree requirements except the dissertation. The doctoral degree or equivalent in a relevant field such as (but not limited to) agroecology, agronomy, biogeochemistry, biological sciences, crop sciences, environmental sciences, soil sciences, sustainability sciences, environmental engineering, sustainable agriculture, or systems ecology is required by the date of hire. Additional qualifications include an excellent publication record, strong analytical skills, the ability to conduct innovative, basic and/or applied field-based studies on agricultural systems, and the ability to communicate work effectively to a broader public. Interest in urban and peri-urban agricultural systems is also welcome. Applications will be accepted through December 9, 2013. We are interested in candidates who will contribute to diversity and equal opportunity in higher education through their teaching, research, and service. Women and minority candidates are especially encouraged to apply.

Interested individuals should submit the following application materials at <http://aprecruit.berkeley.edu/apply/JPF00267>: 1) a cover letter, 2) a curriculum vitae, 3) a statement of research interests, teaching experience, service and contributions to enhancing academic diversity, 4) pdf copies of up to three recent publications, and 5) three letters of recommendation (requested directly through our online application system). 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.chance.berkeley.edu/evalltr.html>.

Applicants may direct questions to ESPM_recruit@berkeley.edu. Additional information on this position can be found at <http://ourenvironment.berkeley.edu/SustainableAgriculturalSystems/>. For additional information on the Department and the campus visit <http://ourenvironment.berkeley.edu>, and <http://berkeley.edu>. The University of California is an equal opportunity, affirmative action employer.