



UNIVERSITY OF CALIFORNIA
SANTA CRUZ

UNIVERSITY OF CALIFORNIA, SANTA CRUZ
DIVISION OF PHYSICAL & BIOLOGICAL SCIENCES,
INSTITUTE OF MARINE SCIENCES
Postdoctoral Scholar

The Institute of Marine Sciences at the University of California, Santa Cruz, and the National Marine Fisheries Service invites applications for the position of Postdoctoral Scholar to conduct original research on climate change impacts on California's salmon and their habitats. The primary research goal is to develop statewide and watershed-scale vulnerability assessments for California's Chinook salmon, coho salmon, and steelhead populations. The research will also investigate habitat-specific restoration and water management options for reducing vulnerabilities for specific salmon/steelhead populations. The position will involve collaborations with an interdisciplinary team of NMFS scientists aimed at linking future hydroclimate and restoration scenarios at watershed scales to physical habitat and salmon life-cycle models. Parts of this project involve the integration of existing simulation models and data sets, and parts will involve the development of new measures of salmon habitat sensitivity and exposure to climate mediated habitat changes. The Postdoctoral Scholar will develop models, analyze results, and summarize them in the form of reports, refereed journal publications and/or meeting presentations and seminars. There will also be opportunities to participate in field-work in support of related research projects.

RANK: Postdoctoral Scholar - Employee

SALARY: Minimum starting salary of \$56,735/year; commensurate with qualifications and experience.

BASIC QUALIFICATIONS: Ph.D. or equivalent foreign degree in Fisheries, Quantitative Ecology, Ecohdrology or a related field. Must have research experience involving mathematical and/or numerical simulation models, statistical methods and parameter estimation and data analysis.

PREFERRED QUALIFICATIONS: The ideal candidate will have experience in computer programming (MATLAB, R, Java, C or FORTRAN) and working with hydrologic, ecosystem and/or food web models. Familiarity with geographic information systems is also desired.

POSITION AVAILABLE: As soon as possible after close of search.

TERM OF APPOINTMENT: The initial appointment is for one year, with possible extension, contingent upon funding and a positive performance review. For appointments within the University of California, the total duration of an individual's postdoctoral service may not exceed five years, including postdoctoral service at other institutions.

TO APPLY: Applications are accepted via the UCSC Academic Recruit online system, and must include Curriculum Vitae, Statement of Research, three letters of recommendation*. Documents/materials must be submitted as PDF files.

Apply at <https://recruit.ucsc.edu/apply/JPF00169>

Refer to Position #**JPF00169-15T** in all correspondence.

*All letters will be treated as confidential per University of California policy and California state law. For any reference letter provided via a third party (i.e., dossier service, career center), direct the author to UCSC's confidentiality statement at <http://apo.ucsc.edu/confstm.htm>.

CLOSING DATE: Review of applications will begin on 10/3/14. To ensure full consideration, applications should be complete by this time. The position will remain open until filled, but not later than 6/30/15.

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, national origin, disability, age, or protected veteran status. UC Santa Cruz is committed to excellence through diversity and strives to establish a climate that welcomes, celebrates, and promotes respect for the contributions of all students and employees.

Inquiries regarding the University's equal employment opportunity policies may be directed to: Office for Diversity, Equity, and Inclusion at the University of California, Santa Cruz, CA 95064; (831) 459-2686. Under Federal law, the University of California may employ only individuals who are legally able to work in the United States as established by providing documents as specified in the Immigration Reform and Control Act of 1986. Certain UCSC positions funded by federal contracts or sub-contracts require the selected candidate to pass an E-Verify check. More information is available [here](#) or from the Academic Personnel Office (APO) at (831) 459-4300.

UCSC is a [smoke & tobacco-free campus](#).

If you need accommodation due to a disability, please contact the Academic Personnel Office at apo@ucsc.edu (831) 459-4300.

VISIT THE APO WEB SITE AT: <http://apo.ucsc.edu>

9/5/14