

## **Postdoctoral Scholar Position in Socio-economic Analysis**

The University of California, Santa Cruz, in collaboration with the National Oceanic and Atmospheric Administration (NOAA) National Marine Fisheries Services, seeks a Postdoctoral Scholar in Socio-economic Analysis. The postdoctoral scholar will work in partnership with two other postdoctoral scholars, one focused on ecosystem modeling and another on management strategy evaluation. The project involves a multidisciplinary team of federal and academic collaborators from UC Santa Cruz, NOAA Fisheries Science Centers (Northwest, Southwest, and Pacific Islands), and CSIRO (Australia) and is part of the Future Seas Project (<https://future-seas.com/>). The Postdoctoral scholar will conduct ecosystem modeling to assess performance of current and alternative management strategies for coastal pelagic species (CPS) in the California Current under a changing climate, shifting forage species composition, and varying predator populations.

The Postdoctoral Scholar in Socio-economic Analysis will be responsible for a) working collaboratively with other researchers in multiple disciplines to develop a socio-economic model of the CPS fleet for integration to the MSE framework, c) assisting with production and interpretation of socio-economic analysis for MSE scenarios, d) communication of socio-economic analysis results in the form of written manuscripts and oral presentations.

The anticipated start date for the position is November 1, 2020 (negotiable). Initial appointments are for 1 year, with reappointment up to three years pending performance review and funding availability. Applications should be submitted by September 1, 2020 to ensure full consideration but the positions will remain open until filled.

**BASIC QUALIFICATIONS:** Ph.D. in Agricultural and Resource Economics or in Economics with specialization in natural resources; knowledge of applied socioeconomic modeling and analysis; strong quantitative skills; proficiency with advanced statistics and data analysis; proficiency in programming languages such as R, MATLAB, or Python; willingness for collaboration with other postdoctoral researchers, students, and NOAA and University scientists; demonstrated ability to summarize scientific findings in the form of written manuscripts and oral presentations.

**PREFERRED QUALIFICATIONS:** Experience developing and ideally leading socio-economic analyses; experience in economic modeling or analysis of natural resource systems; familiarity with the economics of fisheries; familiarity with climate models and climate data; knowledge of multivariate and spatial statistics.

**LOCATION:** La Jolla, California (telework at onset upon request).

**TO APPLY:** Submit as a single PDF: (1) a letter of application that addresses how you meet the basic and preferred qualifications, (2) a curriculum vitae, (3) one to three representative publications, and (4) names and contact information of three references. Applications can be sent directly to Stephen Stohs ([Stephen.Stohs@noaa.gov](mailto:Stephen.Stohs@noaa.gov)) and Desiree Tommasi ([detommas@ucsc.edu](mailto:detommas@ucsc.edu)). Please specify in your email that you are applying for the Socioeconomic Analysis position.

*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.*