

Two Positions in Climate Change and Upwelling Systems at UCLA and UW

The UCLA Dept. of Atmospheric and Oceanic Sciences and the University of Washington School of Oceanography have received a 5-year NSF Collaborative Research award for assessment of the future evolution of the four Eastern Boundary Upwelling Systems, including the U.S. West Coast. This project aims to provide a comprehensive understanding of the consequences of climate change and its interplay with decadal variability over the coming decades in coastal upwelling systems. As described below, UCLA and UW seek two postdoctoral scholars to work on this project, one based at UCLA and one based at UW.

The postdoctoral scholars will oversee continued development and application of atmospheric (WRF) and oceanic (ROMS) components, including physical and biogeochemical aspects (BEC model). Development activities will concentrate mainly on improvement of the coupled model and its biogeochemical modules, while applications include analyses of coastal air-sea interaction, biogeochemical response, and mechanisms of climate variability and change. The UCLA position will be supervised by Dr. Lionel Renault and will also involve collaboration with other faculty and researchers within UCLA (Profs. Alex Hall and Jim McWilliams) and University of Washington (Prof. Curtis Deutsch and the other postdoctoral scholar). The UW position will be supervised by Prof. Curtis Deutsch and will involve collaboration with the UCLA team. The positions are available for one year, initially, and will be renewable on an annual basis. They are available immediately, although the start date is negotiable.

Applicants should have a Ph.D. in Atmospheric and Oceanic Sciences or a related field, effective oral and written communication skills, and an interest in collaborative research. Strong programming skills are also essential. Experience running regional or global numerical models will be an advantage, especially WRF, ROMS and/or biogeochemical models. Applicants should submit a brief statement of research interests and goals and a complete CV, including contact information for three references, to Dr. Lionel Renault for the UCLA position or Curtis Deutsch for the UW position. Applications should be respectively submitted via email to lrenault at atmos.ucla.edu and cdeutsch at uw.edu . Consideration of applications will begin immediately.

UCLA and UW are an Equal Opportunity / Affirmative Action employer. All qualified applicants, including minorities and women, are encouraged to apply.