

Postdoctoral Researcher Scripps Institution of Oceanography

The Integrative Oceanography Division at the Scripps Institution of Oceanography at UC San Diego is seeking a Postdoctoral Scholar Employee for the Coastal Data Information Program under the supervision of Dr Eric Terrill and Dr Sophia Merrifield.

We invite applications for a postdoctoral researcher to study the physics of ocean surface wave processes, wave statistics, forecasting, observational methods, hindcast trend analysis; or some combination of these sub disciplines. The applicant will be expected to use modeling tools and observational datasets, primarily in support of collaborative work with the US Army Corps of Engineers. The successful applicant will have skills in oceanography, wave physics, data analysis, ocean wave modeling (e.g. WaveWatchIII), and signal processing.

The postdoc will be located at SIO in La Jolla, CA and work with Sophia Merrifield, Eric Terrill, Peter Rogowski, James Behrens, graduate students and other scientific staff at the Scripps Institution of Oceanography.

Experience in one or more of the following is desired: ocean wave modeling and validation, time series analysis and signal processing, scientific programming, and ocean wave sensing.

The project specifics will depend on the skillset and interests of the successful applicant. Available topics include wave-current interactions, wave attenuation in ice, air-sea interaction, changing wave climate, wave transformation, storm waves and extreme seas, ocean data assimilation into wave forecast models.

Minimum Background:

1. A PhD in physical oceanography or other relevant field in science, engineering, or mathematics.
2. Research experience in a relevant field with contributions to refereed journal articles.
3. Ability to pursue research both independently and collaboratively
4. Programming experience

Initial appointment will be for 12 months, renewable for a second year, subject to performance and availability of funding. Salary commensurate with qualifications and experience. This is not a tenure-track position. Additional information can be found at <https://postdoc.ucsd.edu>

To Apply: email postdoc@cdip.ucsd.edu a SINGLE PDF with a cover letter, CV, and contact information for 3 references with the subject: "CDIP postdoc position".

Applicant screening will begin immediately and continue until the position is filled. UCSD is an equal opportunity/affirmative action employer with strong institutional commitment to excellence and diversity. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or status as a protected veteran.

Ross Timmerman | Research Data Analyst

Scripps Institution of Oceanography, Coastal Data Information Program

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