

**The Watershed Hydrology Laboratory at the University of California, Santa Cruz (UCSC) is hiring a Postdoctoral Scholar to conduct watershed hydrology/critical zone research.** This 2-3 year position is funded through a five year NSF CAREER grant (lead PI: Margaret Zimmer).

This research program will quantify how key hydrologic processes in hillslopes are controlled by the dynamic interactions between subsurface structure (e.g. depth to bedrock, porosity) and hydrologic forcings (e.g. precipitation amount and intensity). We seek a scientist with knowledge, experience, or interest in technical areas, including, but not limited to: critical zone characterization (e.g., borehole drilling, characterization, geophysics), hillslope hydrology and tracer experiments, ecohydrology, and transit time distribution modelling. The ideal candidate thrives in a collaborative team setting and is interested in contributing to and supporting a vibrant and large lab environment.

The UCSC Watershed Hydrology Lab is motivated to maintain a productive, diverse, and inclusive lab environment and we encourage applicants from under-represented groups to consider this program. In addition, UC Santa Cruz has several initiatives to help foster a welcoming environment for all (e.g. FirstGen Initiative, Office of Diversity, Equity, and Inclusion).

The UCSC Department of Earth and Planetary Sciences is regularly ranked in the top 15-20 Earth Sciences department in the country. The campus is located in the Santa Cruz Mountains, overlooking Monterey Bay, a national marine sanctuary.

Interested candidates are encouraged to contact Dr. Margaret Zimmer via email at [margaret.zimmer 'at' ucsc.edu](mailto:margaret.zimmer@ucsc.edu) with information on research experiences and interests, motivations to pursue this position, and career aspirations. Ideal start date is Winter or Spring 2022, but this is negotiable, so please provide information on preferred start date. Please include a current CV. More information about the Watershed Hydrology lab can be found on the lab website: <http://mzimmer.weebly.com/>.

More information on the NSF CAREER grant can be found on the NSF website: [https://www.nsf.gov/awardsearch/showAward?AWD\\_ID=2046957&HistoricalAwards=false](https://www.nsf.gov/awardsearch/showAward?AWD_ID=2046957&HistoricalAwards=false).