

Hydraulics/sediment modeler position

The Southern California Coastal Water Research Project Authority (www.sccwrp.org), an inter-governmental environmental research agency, announces a full-time position for a research-oriented modeler to study physical and chemical effects of runoff and environmental contaminants in aquatic environments. The position requires experience in fluvial geomorphology, sediment transport, watershed, surface water, and/or ground water models, including but not limited to HPSF, SWMM, HEC, CH3D, EFDC, Sed2D, CONCEPTS, and/or MODFLOW. The successful candidate will have a strong understanding of physical and chemical processes governing sediment and pollutant behavior in aquatic environments.

The successful candidate will work with SCCWRP staff and other research partners on development, calibration, application, and evaluation of models related to hydromodification, sediment transport, and the sources, fate and transport of a broad range of contaminants including nutrients, metals, and organics in streams and estuaries. Duties may include coordination and logistical support, field data collection, data management and analysis, and report/manuscript publication. The position entails coordination with research partners in other agencies and academia. Good communication skills are required.

The preferred candidate will possess a Masters or Ph.D. in civil or environmental engineering, geomorphology, geology, or a related discipline. Masters candidates must have at least 5 years of direct experience and documented ability to conduct independent research and publish. Salary range is \$50-70K, depending on qualifications and experience, and includes a full benefits package. Interested parties should submit a cover letter, resume and the names of three references to:

Bryan Nece
Administrative Officer
Southern California Coastal Water Research Project
7171 Fenwick Lane
Westminster, CA 92683

Electronic submittals are preferred and should be addressed to:
personnel@sccwrp.org

The expected start date for the position is late 2008. Applications will be considered until the position is filled. SCCWRP is an equal opportunity employer.