

PHYSICAL SCIENTIST / CIVIL ENGINEER
SACRAMENTO, CA
(Reference 10-Sci-SAC)

PWA is seeking a dedicated and energetic water resources professional to join our Sacramento team. The successful candidate's primary responsibilities will include all phases of technical project implementation and management with an emphasis on understanding fluvial and estuarine processes (including their relationship to the ecosystem); hydrologic and hydraulic modeling; technical writing, creek and river restoration planning and design; flood assessment and mapping; and watershed management planning. This individual will also provide expertise in the areas of technical review/quality control, staff mentorship, business development, budgeting and proposal writing.

You will work closely with our existing team of hydrologists, geomorphologists, and engineers to perform hydrologic and hydraulic analyses, collect and interpret field data, and provide technical oversight on a variety of projects. In any given week, the individual selected for this position may: develop a proposal to complete floodplain restoration assessment and design; oversee rainfall-runoff modeling to evaluate hydrologic impacts of a development project; help design biotechnical structures to stabilize an urban stream bank; write a report describing a hydraulic analysis for floodplain mapping; or oversee the collection of field data needed for a geomorphic assessment of salmonid spawning habitat.

Requirements

You must have a B.S. degree in either the hydrologic/earth sciences or civil engineering; an M.S. or PhD degree is preferred. This position also requires three to five years of progressively responsible project management experience, including demonstrated success in preparing project deliverables and managing project schedules/budgets.

You must have excellent writing skills and the demonstrable ability to verbally communicate with peers and clients in a manner that relays information clearly and evokes confidence in both you and your team. Training and/or experience in fluvial geomorphology, experience with California fluvial and estuarine systems, and business development experience are all desirable. PWA works primarily in California, but has projects throughout the West and beyond; some travel is required. Current eligibility to work in the US is required.

http://www.pwa-ltd.com/careers/careers_current.html

(please reference PWA position 10-Sci-SAC in your cover letter)