

CIVIL ENGINEER/PHYSICAL SCIENTIST

SAN FRANCISCO, CA

(Reference 10-Civil-SF)

PWA is seeking a civil engineer/physical scientist to join our San Francisco office. The successful candidate's primary responsibilities will be quantitative analysis of physical processes in support of wetland restoration, estuarine management, flood management, and coastal engineering projects.

You will work closely with our existing team of hydrologists, geomorphologists, and restoration design engineers, to help our clients manage wetlands and coastal resources. In any given week, you may: model estuarine hydrology and water quality, evaluate or model wave climate, collect field data, calculate sand transport, estimate sedimentation and erosion rates, map erosion and flood hazard zones, prepare report text and graphics, contribute to strategies to adapt to sea level rise, and contribute to designs for wetland restoration, inlet management plans, and shoreline realignment. This is an entry-level position, so the successful candidate will receive on-the-job training in performing these tasks.

Requirements

You should have a Master of Science or higher degree in civil engineering or a closely related field with a strong technical foundation in hydrology, hydraulics, and/or geomorphology. A Bachelor of Science degree with appropriate experience will be considered. Required technical skills include proficiency in hydrologic and hydraulic analysis. Training and/or experience in coastal processes, field data collection, Matlab programming, and/or GIS are desirable. Experience with San Francisco Bay will be considered favorably.

You must have excellent verbal and written communication skills, and the ability to work effectively on teams with a variety of stakeholders and other professionals. 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.

*Electronic submission is preferred

*Please reference the job number in the subject line of your email or in your cover letter

*Please indicate the source from which you obtained this job announcement