



Mid-level Associate

cbec eco engineering, inc. (cbec), is based in West Sacramento, California, with branch offices in other areas of Northern California, Scotland and England (UK). We specialize in eco engineering for the water resources industry. eco engineering describes water resources engineering services that are concerned with developing and providing ecologically sensitive and environmentally sustainable solutions in the fields of hydrology, hydraulics, geomorphology and restoration and rehabilitation design.

cbec is seeking to hire a Mid-level Associate with experience in water resource engineering, fluvial geomorphology, hydrology and/or restoration design. **cbec** offers a stable job environment, competitive salary and benefits, and huge opportunities for career growth.

The position involves:

- Performing tasks related to studies and design efforts associated with river restoration, floodplain management, flood control, river stability and response, "green" urban stormwater design, and water resources management.
- Preparation of numerical hydrologic, hydraulic, sediment transport and water quality models using GIS and/or CAD for design and analysis.
- Field duties including performing surveys regarding reconnaissance of watershed characteristics such as topography, soils, and vegetation; river transect surveys; discharge and sediment transport measurements; topographic surveys; and GPS inventories/surveys. Field work may be located in a wide variety of settings, including California, Washington, Oregon, Florida, other states and the United Kingdom.
- Writing reports to explain procedures and results of work performed, as well as the potential preparation of grants and proposals; therefore, it is extremely important that the candidate have good writing skills.
- Presenting study findings at client meetings, conferences and symposiums, and publishing in scientific journals.



Desired Skills & Experience:

- B.S. and preferably M.S. or Ph.D. in civil/environmental/water resources engineering, fluvial geomorphology, hydrology or closely related field.
- Minimum 4 years of open channel hydraulic engineering, river mechanics, restoration/rehabilitation/enhancement and/or floodplain management project design and construction management experience.
- Preferably a licensed professional civil engineer in California, or the ability to obtain license via reciprocity, or Engineer in Training (EIT). Other professional qualifications will be considered.
- Extensive experience in fluvial systems, tidal systems, hydrology, hydraulics, geomorphology, and preparation of plans, specifications, and cost estimates.
- Experience collecting topographic/bathymetric survey data in fluvial and tidal environments.
- Experience developing and applying hydrologic and hydraulic computer modeling applications, such as HEC-RAS, HEC-GEORAS, HEC-HMS, RMA, MIKE 11, MIKE 21, SRH2D, Flo2D, TUFLOW, DELFT3D.
- Experience with ARC GIS, Autodesk Civil 3D and Autodesk Land Development Desktop.
- Experience conducting analysis as well as the preparation of presentations and technical reports detailing the results of the analysis.
- Experience with task and/or project management is a plus, but not an absolute requirement.

To apply, please send your cover letter, resume, references and salary history to Alexis Wessels at a.wessels@cbecoeng.com. **cbec** is an Equal Opportunity Employer and we value team-oriented workplace and workforce diversity. We invite resumes from all interested parties including women, minorities, veterans and persons with disabilities. Please visit our website at www.cbecoeng.com and www.cbecoeng.co.uk to see the array of services that we provide and exciting projects we are currently working on. No phone calls please.