



Hydrology | Hydraulics | Geomorphology | Design | Field Services

## Ecoengineer / Ecohydrologist I

**Location:** Sacramento/Northern California, or Santa Cruz region

**Experience:** 2+ years with a B.S. / 0+ years with M.S. or Ph.D.

**cbec eco engineering, inc.** (cbec), is based in West Sacramento, California, with branch offices in other areas of Northern California, Oregon, Indiana, Utah, and Virginia. 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 offers a stable job environment, competitive salary and benefits, and opportunities for career growth.

cbec is seeking to hire a skilled Ecoengineer / Ecohydrologist I to assist the company in providing technical services to clients. Individuals' professional experience should include 2+ years technical experience in water resources with a BS degree or candidates should have an MS or PhD in civil engineering, environmental engineering, water resources, hydrology, or fluvial geomorphology.

### Responsibilities of the Ecoengineer/ Ecohydrologist I include:

- Performing technical studies in the fields of hydrology, hydraulics, geomorphology, water quality and restoration design
- Developing numerical hydrologic, hydraulic, sediment transport and water quality models
- Performing field data collection that includes topographic and bathymetric surveys; discharge and sediment transport measurements; water quality monitoring; and geomorphic assessments
- Performing design and drafting work in AutoCAD for the development of construction plans for environmental rehabilitation projects
- Contributing to writing and figure production for technical reports
- Potentially managing small projects and supervising junior staff

## Desired Skills and Experience:

- 2+ years of experience and a BS in civil or environmental engineering, water resources or closely related field; or an MS or PhD in civil engineering, environmental engineering, water resources, hydrology, or fluvial geomorphology
- Licensed California State professional civil engineer (or ability to obtain license via reciprocity) or an Engineer-in-Training status is desirable
- AutoCAD experience including the use of grading tools, objects and corridors, and plant set development
- ESRI ArcGIS experience including managing geodatabase infrastructure and using Spatial Analyst and 3D Analyst tools
- Experience developing, applying, and using hydrologic and hydraulic computer modeling applications, such as HEC-RAS (1D and 2D), HEC-HMS, MIKE 11, MIKE 21, SRH2D, FLO-2D, TUFLOW, and Delft3D
- Programming experience, such as using python or R to analyze geospatial and time series data, is desirable
- Strong written and verbal communication
- Strong organizational and time management skills

As part of field efforts, the ideal candidate should be willing to undertake manual tasks in an outdoor environment, alongside or in water, and on watercraft. Tasks may include wading in flowing water to collect topographic data and hydraulic measurements, or performing surveys on construction sites and other similar scenarios. Travel to remote settings for more than one day may be required.

To apply, please send your cover letter, resume, and references to [recruiting@cbecoeng.com](mailto:recruiting@cbecoeng.com), with the subject line: "Application - Lastname, First Initial." Please submit application materials as a PDF, named with the following format:

Lastname\_First Initial\_resume/coverletter/references\_year-month-day.

Example: "Smith\_J\_resume\_2022-06-10."

No phone calls please. Please visit our website at [www.cbecoeng.com](http://www.cbecoeng.com) to see the array of services that we provide, and exciting projects we are currently working on. cbec is an Equal Opportunity Employer and we value a team-oriented workplace and workforce diversity.

# This Organization Participates in E-Verify

# Esta Organización Participa en E-Verify



This employer participates in E-Verify and will provide the federal government with your Form I-9 information to confirm that you are authorized to work in the U.S.

If E-Verify cannot confirm that you are authorized to work, this employer is required to give you written instructions and an opportunity to contact Department of Homeland Security (DHS) or Social Security Administration (SSA) so you can begin to resolve the issue before the employer can take any action against you, including terminating your employment.

Employers can only use E-Verify once you have accepted a job offer and completed the Form I-9.

## **E-Verify Works for Everyone**

For more information on E-Verify, or if you believe that your employer has violated its E-Verify responsibilities, please contact DHS.

Este empleador participa en E-Verify y proporcionará al gobierno federal la información de su Formulario I-9 para confirmar que usted está autorizado para trabajar en los EE.UU..

Si E-Verify no puede confirmar que usted está autorizado para trabajar, este empleador está requerido a darle instrucciones por escrito y una oportunidad de contactar al Departamento de Seguridad Nacional (DHS) o a la Administración del Seguro Social (SSA) para que pueda empezar a resolver el problema antes de que el empleador pueda tomar cualquier acción en su contra, incluyendo la terminación de su empleo.

Los empleadores sólo pueden utilizar E-Verify una vez que usted haya aceptado una oferta de trabajo y completado el Formulario I-9.

## **E-Verify Funciona Para Todos**

Para más información sobre E-Verify, o si usted cree que su empleador ha violado sus responsabilidades de E-Verify, por favor contacte a DHS.

**888-897-7781**

**[dhs.gov/e-verify](https://dhs.gov/e-verify)**



**E-VERIFY IS A SERVICE OF DHS AND SSA**

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# IF YOU HAVE THE RIGHT TO WORK



Don't let anyone take it away.

There are laws to protect you from discrimination in the workplace.

## You should know that...

In most cases, employers cannot deny you a job or fire you because of your national origin or citizenship status or refuse to accept your legally acceptable documents.

Employers cannot reject documents because they have a future expiration date.

Employers cannot terminate you because of E-Verify without giving you an opportunity to resolve the problem.

In most cases, employers cannot require you to be a U.S. citizen or a lawful permanent resident.

## Contact IER

For assistance in your own language  
Phone: 1-800-255-7688  
TTY: 1-800-237-2515

Email us  
[IER@usdoj.gov](mailto:IER@usdoj.gov)

Or write to  
U.S. Department of Justice – CRT  
Immigrant and Employee Rights – NYA  
950 Pennsylvania Ave., NW  
Washington, DC 20530

If any of these things happen to you, contact the Immigrant and Employee Rights Section (IER).



— DEPARTMENT OF JUSTICE —  
IMMIGRANT & EMPLOYEE RIGHTS SECTION  
— CIVIL RIGHTS DIVISION —

# Immigrant and Employee Rights Section

U.S. Department of Justice, Civil Rights Division

[www.justice.gov/ier](http://www.justice.gov/ier)