

WEST Consultants, Inc., a premier firm in water resources engineering, is seeking energetic and ambitious applicants qualified to apply for an Entry-Level Water Resources Staff Engineer position in our Tempe, Arizona, office.

About the Position:

In this position, the successful candidate will apply knowledge of hydrology and hydraulics principles to respond to a broad range of water resources engineering assignments in surface-water riverine and estuarine environments to:

- Study open channel flow, sediment transport, scour, stability, and deposition issues in rivers and reservoirs.
- Estimate flood hazards and risk and develop mitigation measures and alternatives for watersheds, including flood forecasting and inundation mapping.
- Evaluate complex water resource systems including watersheds receiving rain and snow.
- Perform integrated hydrologic modeling including potential impacts on surface and groundwater due to climate changes.
- Conduct dam/levee engineering and safety investigations, including dam breach analysis, feasibility planning, operations studies, drainage analysis, and water control manual updates.
- Work as part of a project team to develop high-quality deliverables for our clients.

Qualifications:

- A master's degree or higher in civil or environmental engineering or water resources-related field -OR- a bachelor's degree with 2 years of civil engineering work experience required.
- 0–5 years of related experience.
- EIT preferred.

Responsibilities:

Core duties and responsibilities may include:

- Review, develop, calibrate, and validate hydrologic and hydraulic numerical models.
- Use GIS tools to pre- and post-process data.
- Organize, manipulate, and evaluate data using spreadsheets or other engineering software.
- Delineate floodplains and create flood hazard maps.
- Prepare FEMA floodplain management program documentation such as No-Rise Certification, Conditional Letter of Map Revision (CLOMR), LOMR, and/or Letter of Map Amendment (LOMA).
- Design hydraulic structures such as bridges, culverts, and levees.
- Design bridge scour countermeasures and streambank erosion protection.
- Prepare figures, maps, and graphics.
- Prepare technical reports, memoranda, and manuals.
- Work closely with internal project teams and clients on specific assignments or for other meetings.
- Present communication on specific assignments or meetings.
- Participate in local engineering organizations or conferences.
- Expand technical and non-technical engineering skills through continuous learning.

- Other duties as assigned.

Skill Requirements:

In addition to being enthusiastic about working in the field of water resources, the successful candidate should have the following skills:

- Basic knowledge of HEC-RAS, HEC-HMS, and ArcMap/GIS.
- Experience with FEMA LOMR and CLOMR applications.
- Experience with FLO-2D preferred.
- Excellent communication skills including technical writing competence.
- Ability to work independently and manage time, as well as work in team environments.
- Excellent problem-solving abilities, including the ability to apply ingenuity and creativity in solving complex engineering problems.

Salary Range:

\$75,688 – \$92,507 annually

How to Apply:

https://www.westconsultants.com/careers/view_current_openings_and_submit_your_resume/

WEST offers a dynamic work environment where our talented staff are solving some of the most challenging projects in water resources engineering. We do meaningful work in a team-based environment, with pay and benefits that help our staff and their families meet their wealth, health, and security goals:

- Market-priced compensation that values qualifications and performance.
- Share in the firm's success with cash bonuses.
- Fast benefits eligibility.
- Flexible work with remote, hybrid, and in-office options.
- Training and education assistance to support career goals.

We offer a menu of benefits to meet our employees' unique needs:

- High-value health plan options: We pay 100% monthly premiums for medical, dental, vision, prescription, life/AD&D, and long-term disability insurance coverage for eligible employees.
 - We pay 50% monthly premiums for dependent coverage.
 - Voluntary insurance with Life, Hospital, Accident, and Critical Illness coverage options.
 - Personal paid leave.
 - Ten paid holidays, including employee birthday and personal day.
 - Paid time off for voting, military duty, jury duty, wedding, parental, and bereavement leave.
 - 401k profit-sharing plan with 4% company match.
 - Training, education assistance, seminars, conferences, and professional memberships to support career goals.
 - Flexible spending account (FSA) for medical and dependent care.
 - Employee assistance program (EAP) that provides resources and support.
 - Travel assistance program.
 - Employee referral incentives.
 - Pet insurance plans.
 - And more.
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WEST Consultants, Inc. (WEST) is a small business firm providing water resources engineering consulting services from our eight offices located in Oregon, Washington, Texas, California, and Arizona. Over the past 35 years, WEST has built a superior reputation for providing quality water resources services to government and private clients. We offer a dynamic work environment where our talented teams are solving some of the most challenging projects in water resources engineering.

WEST is an Equal Opportunity Employer, and we value workplace diversity. We invite resumes from all interested parties. Qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, sexual orientation, gender identity, disability, or protected veteran status.

As a federal contractor, WEST participates in [E-Verify](#) to validate the employment eligibility of all persons hired to work in the United States.