



Job Posting

Title: Hydrologic & Hydraulic Modeler / Engineer

Forsgren Job ID: BOI-CE8-120216

Location(s): Boise, ID

Employment Type: Part-time / Non-Exempt or Full-time / Exempt

Position Overview:

Building on our 59-year legacy and established presence throughout the western US, Forsgren Associates is experiencing steady growth. We are seeking a talented and motivated Hydrologic & Hydraulics (H&H) modeler/engineer to join our growing H&H division. This opportunity is perfect for a career-minded person who has an enthusiastic and energetic attitude toward solving engineering problems; relishes working with clients and colleagues; seeks meaningful ownership in reward for their success; and takes pride in their ability to provide exemplary service to clients.

The ideal candidate would have strong writing ability and experience with H&H modeling (HEC-HMS, HEC-RAS, SRH-2D). This position will be under supervision of the Hydraulics Manager.

Duties and Responsibilities:

Under guidance from senior engineering staff, a H&H modeler/engineer's responsibilities include:

- Prepare planning and design documents for various floodplain development projects
- Perform H&H analyses of moderate complexity
- Develop new H&H models based on available information and engineering judgement
- Modify existing H&H models to suit project goals/needs
- Plan and design flood control facilities including basins, channels, and diversions
- Prepare local floodplain development permits and associated supporting documentation
- Prepare FEMA permit applications (CLOMR, LOMR) and supporting documentation
- Provide technical assist to local floodplain administrators

The above job description is not intended to be, nor should it be construed as, exhaustive of all responsibilities, skills or competencies associated with this job.

Minimum Qualifications:

- B.S. in Civil or Environmental Engineering
- 3-5 years of relevant full-time experience
- Experience in surface-water hydrology and open-channel hydraulics
- Working knowledge of HEC-RAS, HEC-HMS, AutoCAD Civil 3D and ArcGIS
- Ability to coordinate across engineering disciplines (structural, geotechnical, survey, etc)
- Proven quantitative and analytical skills
- Excellent verbal and written communications skills, and strong interpersonal skills

Preferred Qualifications:

- M.S. in Civil Engineering related to work
- Professional Engineering Licensure

- ASFPM Certified Floodplain Manager
- SRH-2D modeling experience
- FEMA NFIP permitting experience
- Experience with bridge scour analysis and design in accordance with FHWA guidance

Benefits:

Forsgren Associates offers a competitive compensation and benefits package as well as the additional benefits of being an employee-owned company and sharing in the company's success. We respect the personal needs of our employees, and actively promote a healthy work / life balance. Empowering our team members to succeed, we reward them for their success.

Company Overview:

Forsgren Associates is an employee-owned, multi-discipline civil engineering and environmental consulting firm that provides planning, permitting, design, and construction management services for infrastructure improvement projects. Since 1962, we have been promoting responsible development by protecting and enhancing civil infrastructure... cost-effectively, promptly, and sustainably. As a result, over the past 59 years we have grown steadily to over 100 employees in 12 offices across 10 states. As we serve our growing list of clients throughout the western U.S., we continue to grow as a company even through these difficult economic times. Join us. We are committed to engineering stronger communities.

Forsgren Associates will not accept unsolicited resumes from third party agencies or recruiters. No fee will be paid to third parties who submit unsolicited candidates directly to hiring managers.

We thank all applicants; however, only candidates selected for an interview will be contacted. This position is subject to close at any time. Forsgren Associates is an Equal Opportunity Employer.