



JOB ADVERTISEMENT

Job Title: Geomorphologist

Company: Wolf Water Resources, Inc., located in Portland, Oregon

Minimum Qualifications: BS or MS degree in geomorphology; 8+ years of experience, Ability to obtain professional geologist or civil engineer registration within 3 years

Summary: The ideal candidate will have experience in geomorphic assessments, channel migration zone studies and ecosystem restoration design experience in the fluvial environment. Our projects range from sediment rich glacial outwash to fine cohesive mud-based stream systems in both urban and rural environments.

Duties, Functions, and Responsibilities

Essential duties, functions, and responsibilities include the following; other duties may be assigned:

- Work outdoors, when needed, in various environmental and challenging conditions collecting samples and geomorphic data or to conduct ecological investigations on land and water.
- Assess evolution of waterways Collect geomorphic data using models, mathematical measurements, visual representation, GPS devices, and sampling methods.
- Possess excellent written and oral communication to log and communicate observations in reports, emails, and other documentation.
- Map, graph, and accurately display results of investigations. Experience with ArcGIS Suite is desired.
- Use databases and computer software to log data collected from investigation sites.
- Use specialized computer simulations to make predictions on topological changes over time.
- Have documented experience working in with a high degree of practical and theoretical knowledge of fluvial geomorphology (estuarine, a plus).
- Generate a project schedule and project budget.
- Produce detailed presentations of project work and present to company management, governments, clients, or stakeholders.

Competencies

- Provide project/task management responsibilities for moderate to large size projects
- Hydrologic and hydraulic modeling including 1D and 2D models, sediment transport, and unsteady flow.
- Project budget, scope, and schedule responsibility
- Possess technical knowledge in stream assessment, construction cost estimates, specifications, plan preparation.
- Business development and proposal preparation
- Problem Solving - Identifies and resolves problems in a timely manner; gathers and analyzes information efficiently and skillfully; develops alternative solutions when needed.
- Communication with internal team, subconsultants, and clients - Listens and receives clarification; responds well to questions; actively participates in meetings; responsible for responsive client and subconsultant service. Writes clearly and informatively; Varies writing style to meet needs; Presents technical data effectively.
- Quality Management - Improves processes, products, and services; demonstrates accuracy and thoroughness.
- Judgment - Exhibits sound and accurate judgment; explains rationale for decisions; makes timely decisions; applies principles of logical or scientific thinking to a wide range of intellectual and practical problems; applies advanced mathematical concepts in both analysis and problem solving; able to deal with nonverbal symbolism (formulas, scientific equations, graphs, musical notes, etc.); able to deal with a variety of abstract and concrete variables.
- Quality - Demonstrates accuracy and thoroughness; Monitors own work to ensure quality.
- Adaptability - Able to deal with frequent change, delays, or unexpected events in the work environment.
- Organization - Proactively uses company scheduling resources and calendar software; adhere to company QA/QA procedures, document-naming and saving conventions, and other procedures for workflow processes.
- Computer Skills – Has knowledge of and experience using database, GIS mapping, design, internet, spreadsheet, hydrologic and hydraulic modeling, and word processing software.
- Language - Effectively reads, analyzes, and interprets common scientific and technical journals, financial reports, and legal documents; able to write presentations and articles for publication.

Supervisory Responsibilities

- Conduct project and personnel management responsibilities in accordance with the organization's policies and applicable laws.
- Manage project tasks and provide insightful recommendations to project teams.
- Train and mentor team members on methods and details of projects.
- Ensure work is conducted safely and team members use proper personal protective equipment.
- Oversee several work sites and travel extensively, when needed, to and from project sites.

Work Environment

The work environment characteristics described here are representative of those encountered while performing the essential duties and functions of the job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential duties and functions.

While performing the duties of this job, the employee is frequently exposed to weather and outdoor conditions. Limited field work is required. The employee should be comfortable in the outdoors and able to hike in rough conditions. The employee is occasionally exposed to wet and/or humid conditions; unstable ground; hillslope environments; and extreme cold and extreme heat. The noise level in the work environment is usually moderate.

While performing the duties and functions of this job, the employee is regularly required to stand, walk, sit, and use hands to finger, handle, or feel. The employee is also regularly required to orally communicate and hear communications from others with outdoors or indoors. The employee is occasionally required to reach with hands and arms; climb or balance; stoop, kneel, crouch, or crawl; and taste or smell. The employee must occasionally lift and/or move up to 25 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus.

To apply

Send cover letter and resume to mwolfe@wolfwaterresources.com