

## Geotechnical Engineer, Bluff Stability and Coastal Focus

Coastal Geologic Services (CGS) is currently looking to hire a full time Geotechnical (Civil) Engineer for the Engineering and Design Group at our Bellingham, WA office. The position will cover coastal bluff and beach system analysis, design, and field oversight. The position includes mid-level engineering and project management as part of our small team, which includes engineering and coastal geologists, a senior coastal engineer, CAD, and GIS staff. The successful candidate will be working in conjunction with these staff to support and lead projects through the application of engineering and geologic principles and techniques. The successful candidate needs to have strong communication skills and be able to work independently and with teams to apply critical thinking skills to solve technical issues and develop project-specific solutions.

### Responsibilities of the job include:

- Conducting field investigations and geohazards assessments involving coastal bluffs, beaches, coastal structures, and other sites
- Performing engineering calculations of bluff stability (including slope modeling), preparing technical and field reports, design of coastal structures and retaining walls, computation packages, and contributing to feasibility reports, design reports, construction drawings, and specifications
- Processing and analyzing large datasets including LiDAR data and topography and bathymetry data, along with development features
- Providing field oversight, monitoring, and geotechnical testing for coastal and bluff restoration, waterfront parks, and other development and construction projects
- Assignments may include project travel within the Salish Sea region in remote and urban locations, but will generally be limited to no more than 5-15% of work time

### Required Qualifications:

- Bachelor's degree in Civil Engineering or related field from an accredited university
- Professional Engineer registration
- 5+ years' work experience in geotechnical/engineering
- Project management experience
- Work experience with bluff/coastal projects, LiDAR data, and slope stability modeling
- Strong organizational, technical, written, and oral communication skills with attention to detail
- Ability to work in the US without sponsorship, and valid driver's license

### Preferred Qualifications:

- M.S. or M.Eng. in Civil/Geotechnical, Coastal, or Ocean Engineering
- Puget Sound and sea level rise adaptation work experience
- Proficient in AutoCAD, MATLAB, ArcGIS, Python

- Knowledge and experience in coastal processes, coastal geomorphology, and coastal structural analysis

**Work Environment**

This is a full-time position. Days and hours of work are Monday through Friday, 8:30 am to 5 pm, with some flexibility. Currently, this job will require working from home due to COVID. The job largely operates in a professional office environment working with computers. Occasional fieldwork and travel will be necessary. Field work may include exposure to the elements including inclement weather.

**Salary and Benefits**

Salary will be commensurate with qualifications and experience. Benefits include health and dental insurance, 401(k), and a comprehensive leave package.

**How to Apply**

Please email detailed resume, cover letter, certifications, and a minimum of three references. Cover letter should address how the candidate's specific experience makes them well suited for a small, independent firm and how their long-term career goals align with this position. Please email completed materials to [careers@coastalgeo.com](mailto:careers@coastalgeo.com). Interviews are starting. Position is open until filled (currently open).

CGS is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, creed, sex, sexual orientation, gender identity, national origin, disability, or veteran status. CGS will provide reasonable accommodation to all applicants and employees.