

Working Title: Chief Engineering Geologist
DOP Classification: WMS Band 3
Recruitment Number: 2016-WMS-073
Location: Tumwater, WA
Salary: \$7,439 - \$9,537 monthly, depending upon qualifications
Opening Date: July 21, 2016
Closing Date: August 7, 2016

The Opportunity: The Engineering Geology Section of the WSDOT Geotechnical Office in Olympia, WA. provides statewide engineering geology/geological engineering design, rock engineering, landslide characterization/mitigation, unstable slopes management for 7,000 miles of highways, subsurface exploration services, construction support, and maintenance and emergency response support services for the Department through a diverse group of 22 engineering geologists, GIS analysts, field exploration specialists and technicians. The Chief Engineering Geologist acts as an assistant to the State Geotechnical Engineer and manages the Engineering Geology Section. The position is responsible for directing the execution of comprehensive engineering geology/geological engineering studies and design for project definition and scoping; aiding in the preparation of engineering plans, specifications, and estimates; proactively supporting construction and maintenance activities; as well as providing strategic and technical planning input for workforce, equipment, information technology, and work flow needs. The person serves as an Agency expert on geohazards characterization and mitigation, and plays a pivotal role in the Agency's emergency response to landslides, rockfalls, flooding, and earthquakes.

The Washington State Department of Transportation (WSDOT) is the steward of a multimodal transportation system and responsible for ensuring that people and goods move safely and efficiently. In addition to building, maintaining, and operating the state highway system consisting of over 18,000 lane miles and 3,600 bridge structures, WSDOT is responsible for the largest ferry system in the nation; owns three Talgo train sets in the Amtrak Cascades fleet; and works in partnership with others to maintain and improve local roads, railroads and airports, as well as to support alternatives to driving, such as public transportation, bicycles and pedestrian programs. Additionally, WSDOT manages the world's widest tunneling project and the world's longest floating bridge. WSDOT's diverse programs and projects are supported by more than 6,800 full-time employees, including engineers, vessel captains, maintenance technicians, environmental specialists, planners, and more. We take pride in our workforce and strive for excellence and integrity in everything we do.

This position is located in [Olympia WA.](#), which is the capital of the State of Washington and the county seat of Thurston County. The population was documented as 46,478 in the 2010 census. The city borders Lacey to the east and Tumwater to the south. Olympia is a major cultural center of the Puget Sound region. Olympia is located 60 miles southwest of Seattle, the largest city in the state of Washington, and falls within the borders of the Seattle CSA.

This position will perform the following work:

- Manage the Engineering Geology Section to provide engineering geology and field exploration services statewide.
- Perform strategic and technical planning, ensuring adequacy of the resources needed to get the work accomplished.
- As a licensed engineering geologist, seal engineering geologic studies and geotechnical design reports and recommendations produced by the Engineering Geology Section.
- Manage the statewide Unstable Slopes program; coordinate with HQ program management, Region project development, design, construction, and maintenance offices to finalize the selection of unstable slopes to be repaired and to develop them as projects.
- Oversee the management of the Agency's field exploration program, which entails around 30,000 lineal feet of geotechnical drilling annually, and over \$3 million in rolling stock and tooling.
- Develop engineering geology/geological engineering technical policies, subject to concurrence by the State Geotechnical Engineer, depending on the nature and impact of the policy.
- Administer the use of contractors and consultants for engineering geology projects and specialty field exploration services, including developing and negotiating scope of work and cost estimates, as well as directing and monitoring the work.
- Develop and maintain quality-assurance procedures to ensure work meets high standards, is cost-effective and innovative.
- Provide assistance to the State Geotechnical Engineer in developing and monitoring Geotechnical Office research, serving as technical manager and coordinator for specific research projects.
- Conduct studies on complex projects requiring senior-level expertise, including the performance of necessary analyses, to develop geological/geotechnical findings and recommendations.
- Serve as subject matter expert for tort complaints and construction claims.

An ideal candidate for this position will have:

- A Bachelor of Science degree in geology, engineering geology, geological engineering or a closely related field. A Master of Science degree in this field is desirable.

- A minimum of 3 years of professional engineering geology experience as a Transportation Engineer 5 or Transportation Technical Engineer, or equivalent, and a total of 8 years of engineering geology experience.
- A current Washington Engineering Geologist license.
- A valid Washington driver's license.
- Previous design and construction experience in the areas of earthwork, drilling and blasting, soil and rock slope engineering, rockfall control, and landslide characterization and stabilization.
- Previous supervisory experience and the willingness and ability to train and coach employees.
- Knowledge of strategic planning and budgeting.
- Ability to effectively communicate to a wide variety of audiences, both orally and in writing.
- Project management and delivery experience.

How to Apply: Applications for this recruitment will be accepted electronically. Please select the large "apply" button at the top of this announcement. You may need to set up an account profile. To be considered for this position you will need to answer the supplemental questions, as part of the supplemental questions you will need to provide a letter of interest. Your letter of interest should describe how your experience, training and education make you a viable and competitive candidate for this position.

Contact us: For inquiries about this position, please contact **Phyllis Gratis** at **360-705-7066** or email to gratisp@wsdot.wa.gov. Please reference recruitment number 2016-WMS-073.

The Washington State Department of Transportation is an equal opportunity employer. Women, racial and ethnic minorities, persons of disability, persons over 40 years of age, and disabled and Vietnam era veterans are encouraged to apply. Persons with disabilities needing assistance in the application process, or those needing this job announcement in an alternative format may call the Office of Human Resources, at 360.705.7042 or email at jobinfo@wsdot.wa.gov.