

PROJECT – SENIOR HYDROGEOLOGIST

Associated Earth Sciences, Inc.

Our Company

Since 1981, Associated Earth Sciences, Inc. (AESI) has proudly remained a local, employee-owned, and operated business. While many of our competitors have been acquired by large national corporations, we continue to stay true to our roots. Our commitment to our community and our employees ensures that we continue to provide personalized, high-quality services. As co-owners, our dedicated team is deeply invested in the success and satisfaction of our clients.

Our Work

AESI specializes in geotechnical engineering, hydrogeology, geology, and geophysics, providing these services in the Puget Sound region to municipal, public works, industrial, commercial, residential, and large-scale land development clients. We consider our interdisciplinary approach critical to the effectiveness of our engineering philosophy. We approach our projects with a big picture perspective that incorporates the geologic and hydrogeologic context of our sites into our understanding of our projects.

Opportunity and Impact

AESI has an immediate opening for an experienced Hydrogeologist in our Kirkland or Mount Vernon office. The ideal candidate will have a solid understanding of Puget Sound geology, groundwater modeling experience, familiar with local municipal requirements for stormwater infiltration, and strong technical writing skills. This position offers opportunities for technical hydrogeologic work, project management, and collaboration with AESI's geotechnical department.

We see this role as a tremendous growth opportunity for the right individual. You will collaborate closely with our senior geologists, hydrogeologists, and engineers, benefiting from decades of experience on diverse projects in the Puget Sound region. Collaboration with our team will refine your understanding of the broader geologic and hydrogeologic framework of Western Washington, helping to inform geotechnical engineering design across a broad range of projects.

Essential Duties and Responsibilities:

- Manage and/or perform a variety of geologic and hydrogeologic field studies including geologic reconnaissance, subsurface exploration, hydrogeologic modeling, aquifer testing, infiltration testing, and groundwater data collection.
- Interpret and analyze geologic and hydrogeologic data.
- Create hydrogeologic conceptual models and schematic geologic cross sections.
- Develop and calibrate numerical groundwater flow (MODFLOW) models to analyze groundwater systems.
- Prepare project scope and budget estimates.

- Author technical reports.
- Participate in business development activities.
- Pursue opportunities for technical presentations.

Minimum Qualifications:

- Bachelor's degree in Geology, Hydrogeology, Earth Sciences, or a related field with classes in hydrogeology. Master's degree preferred.
- Washington State Hydrogeologist or Geologist license.

Preferred Qualifications:

- 5+ years of relevant experience working in the field of geology or hydrogeology and interpreting hydrogeologic data, experience in Western Washington glaciated terrain preferred.
- Strong technical writing skills with attention to detail.
- Working knowledge of relevant state and federal regulations (e.g., critical areas code, stormwater management) and local stratigraphy.
- Proficiency in using groundwater modeling software (e.g., Groundwater Vistas MODFLOW, FEFLOW) and coding languages (e.g., Python).
- Excellent communication skills with the ability to convey complex technical concepts to both technical and non-technical audiences.
- Demonstrate the ability to work effectively in a collaborative team environment.
- Ability to travel locally in Puget Sound for project meetings and site visits.

Work Environment and Position Requirements:

- Full time
- Flexible hybrid work schedule with 3+ days in office days encouraged.
- Ability to lift thirty pounds.
- Alternate sitting or standing at will.
- Driver's license and current insurance
- Personal vehicle to travel between offices and job sites (mileage reimbursable for project travel)
- Reside in the Puget Sound region or already in the process of relocation.
- Occasional fieldwork (in the Puget Sound's variable weather conditions)

Compensation Package

Project to Senior Hydrogeologist: \$90,000-\$130,000+

Title and salary are based on applicant's individual experience, education, licensure, and unique qualifications.

Benefits:

- Employee Medical, Dental, and Vision – Paid by AESI
- Bonus based on individual performance and company profitability.
- 401K with matching
- HSA and Café Plan
- Paid Holidays, Vacation and Sick time
- Continuing Education Opportunities and mentoring program

Why Join Us:

- At AESI, we offer a supportive and inclusive work culture that emphasizes continuous professional growth. As part of our team, you will have access to a range of opportunities for development, from monthly technical and safety roundtables to reimbursements for local professional events and online training.
- Engage with our highly collaborative, interdisciplinary team of geotechnical engineers, geologists, scientists, and geophysicists, learning from their collective expertise (and sharing yours!).
- We practice a flexible work environment, encouraging in-office work to foster team camaraderie and development of early career staff while supporting hybrid working arrangements as appropriate for the role requirements. Our organizational structure and an open-door policy promote collaboration and accessibility to senior leadership.
- Join us in celebrating work-life balance through various activities like office barbecues, happy hours, holiday parties, and other social events, making AESI a fulfilling place to grow both professionally and personally.

How to Apply:

Interested candidates are invited to visit our website (aesgeo.com/careers) or submit their resume and cover letter to hr@aesgeo.com with the job title and applicant name in the subject line. A background check is required prior to employment.

Equal Opportunity Employer:

We welcome all qualified applicants.

At AESI, we believe that inclusivity is essential to creating a better world. We define inclusivity as creating an environment where *everyone* is treated with respect, dignity, and fairness, and where *everyone* has equal access to information, services, and opportunities.

Our company provides an all-inclusive work environment that is accepting, welcoming, and affirming.

Reasonable accommodation is available during the application process; please contact HR at hr@aesgeo.com for assistance.