

Hydrogeologist with the Idaho Department of Water Resources via Boise State University

Job Summary: Boise State University seeks to hire a contractor to work at the Idaho Department of Water Resources (IDWR) in Coeur d'Alene, Idaho to provide long-term hydrogeological and project management support related to a variety of water projects, programs, and initiatives including the Statewide Water Level Monitoring Program.

Duty Station: Idaho Department of Water Resources Northern Region Office in Coeur d'Alene, Idaho

Essential Functions: The contractor will assist with various tasks related to the operations and analysis of the IDWR Statewide Water Level Monitoring Program including, but not limited to:

- Drilling oversight for the construction of new monitoring wells;
- Conducting groundwater level, lake level, and stream flow measurements in IDWR networks;
- Collecting water quality samples from wells and surface water sources;
- Processing, entering, and analyzing monitoring data utilizing IDWR applications and databases;
- Coordinating with local water users to access sites and to understand regional water issues;
- Installing data loggers to record continuous groundwater levels in selected wells, and downloading electronic data from data loggers as necessary;
- Collect geological samples, and GPS coordinates of sampling and measuring locations;
- Performing data QA/QC checks, and helping to maintain data standards and database design;
- Analyzing data sets to determine various metrics and trends, and to address questions and concerns regarding local and regional water resources;
- Responding to inquiries for data and information from a broad spectrum of individuals and entities; and,
- Developing hydrologic reports and presentations. Present findings to local stakeholder groups.

Knowledge, Skills, Abilities:

- Working knowledge of scientific principles, research design, and research protocols, including analysis and collection of samples.
- Ability to work as part of a team or independently, both in the field and in the office, as applicable to the position.
- Ability to develop working relationships with partners and vendors.
- Experience conducting outreach.

Minimum Qualifications:

- Associates degree in hydrology, geology, water resources or related field of study.
- Education or demonstrated experience in collection of hydrogeologic data.
- Education or experience with computerized data management and analysis systems, such as GIS software (ArcView/ArcInfo), spreadsheet software (Excel), and database software.
- Demonstrated oral and written communication skills.
- Demonstrated time management and organizational skills.
- Valid driver's license.

Preferred Qualifications:

- B.S. or M.S. in hydrology, geology, water resources or related field of study.
- Experience with water quality sampling and data analysis.
- Experience with installation of dataloggers and use of high accuracy GPS.
- Knowledge of database design and maintenance best practices.
- Experience with web development (ESRI ArcGIS Online, WordPress) and data visualization techniques / software (Tableau / D3).

Salary and Benefits: This position is salaried with a target annual salary of \$51,000-\$59,900, depending on qualifications, experience, and position (Research assistant or Research Associate). Boise State University is committed to offering a benefits package that provides health and financial protection plans as well as resources to promote health and well-being. Our program provides flexibility so you can choose the benefits that are right for you and your family. Learn more about our benefit options at <https://hrs.boisestate.edu/benefits/>.

Apply here: <https://jobs.boisestate.edu/en-us/job/498143/research-assistant>

The job is posted as a Research Assistant, but can be upgraded to Research Associate depending on experience.

Include a current resume and a cover letter explaining your interest in this position.

Evaluation of applicants will begin March 1, 2024.