

Assistant Professor - Water Resources Engineer, College  
of Science and Engineering (2796)  
Idaho State University

Direct Link: <https://www.AcademicKeys.com/r?job=250758>

Downloaded On: Apr. 2, 2025 9:35am

Posted Dec. 20, 2024, set to expire Apr. 18, 2025

<b>Job Title</b>	Assistant Professor - Water Resources Engineer, College of Science and Engineering (2796)
<b>Department</b>	Civil and Environmental Engineering
<b>Institution</b>	Idaho State University Pocatello, Idaho
<b>Date Posted</b>	Dec. 20, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Fall 2025
<b>Job Categories</b>	Assistant Professor
<b>Academic Field(s)</b>	Water Resources Engineering Civil Engineering
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**Job Description**

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**Assistant Professor - Water Resources Engineer, College of Science and Engineering (2796)**  
Pocatello - Main

### **Institution Information**

Idaho State University, established in 1901, is a Carnegie-classified doctoral research and teaching institution, with a culture built on trust, compassion, stability, and hope. ISU serves over 12,000 students in Pocatello, Meridian, Twin Falls, and Idaho Falls. Students and faculty at ISU are leading the way in cutting-edge research and innovative solutions. We are proud to offer exceptional

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academics nestled in the grand, natural beauty of the West. We invite you to apply to be a part of our University community!

### Job Description

Idaho State University's Department of Civil and Environmental Engineering is seeking applications for a 9-month, full-time, tenure-track Assistant Professor position in Water Resources Engineering, beginning in Fall 2025.

This position is partially supported by a recently awarded National Science Foundation Established Program to Stimulate Competitive Research Infrastructure Improvement (NSF-EPSCOR) entitled "Idaho Community-engaged Resilience for Energy-Water Systems" (I-CREWS), which will facilitate community-engaged research with Tribal Nations and other stakeholders in Idaho to evaluate, model, and develop future scenarios for energy-water systems under environmental, technological, and social change. In addition to research, the successful candidate will play a pivotal role in developing and teaching both undergraduate and graduate courses, particularly focused on water resources and/or energy-water systems. Expertise in one or more of the fields - hydrology, hydrogeology, hydropower, geothermal, artificial intelligence/machine learning, energy systems - or a related field is an advantage for the candidate.

This position is intended to facilitate cross-disciplinary research that engages and is responsive to communities in Idaho, including Tribal nations. The candidate should establish a vibrant, externally funded research program and provide mentorship to graduate students as well as professional service to the ISU community. Potential collaborations exist across ISU with the GIS Training and Research Center (GIS TReC), the Collaborative Computing Center (C3) in Idaho Falls (an innovative hub for high-performance computing), ISU's Center for Ecological Research and Education (CERE), as well as the ISU Research Data Center (RDC). Moreover, the civil and environmental engineering department maintains several facilities, including the Engineering Research Complex (ERC), which houses pumps and a research-grade tiltable flume facilities in its Water Resources Lab. The proximity of ISU's campus to the Department of Energy's Idaho National Laboratory (INL) offers further opportunities for research and educational collaboration across various fields, including energy, environmental sustainability, and critical materials. There are also potential research studies in collaboration with Idaho's other public universities, Boise State University and the University of Idaho.

### Key Responsibilities

Foster synergistic interactions within the department/college/university, collaborate statewide with I-

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CREWS and other university researchers, and the INL.

Conduct innovative research in Water Resources and/or Energy Systems leading to publications in top-tier refereed journals and presentations at significant conferences.

Secure external funding to support research activities and graduate students.

Teach undergraduate/graduate courses in Water Resources and related core courses in the civil engineering curriculum. Courses are preferred in person but may be offered via distance learning.

Advise and mentor undergraduate and graduate students.

Serve as a possible mentor for projects in the CEE senior capstone design course.

Engage in service activities at the departmental, college, and university levels.

The selected candidate must be able to obtain an Idaho Professional Engineering (P.E.) license within four years.

### Minimum Qualifications

- Ph.D. in Civil Engineering with a specialization in Water Resources or a closely related field.
- Demonstrated ability to teach and conduct research in Water Resources or closely related areas.
- Evidence of scholarly accomplishments, such as publications in top-tier journals and presentations at reputable conferences.
- Strong potential to attract external funding for research from public and private entities.
- Excellent communication and interpersonal skills.
- The selected candidate must be able to obtain an Idaho Professional Engineering (P.E.) license within four years.

### Preferred Qualifications

- Expertise in Water Resources with the ability to compete for and obtain external funding in the broadly defined field of water and/or energy systems with strong computational analysis/modeling skills and other emerging fields such as machine learning and artificial intelligence.
- Experience with experimental research, willingness to participate in team and cross-disciplinary efforts, and engagement with Tribal and Idaho communities are valuable assets.
- A professional engineering (PE) license or evidence of working towards licensure (FE exam) is a plus.

### Additional Information

You must submit the following to be considered for this position:

- 1) Letter of Application;
- 2) CV/Resume;

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- 3) statements of teaching and research interests addressing the preferred qualifications (including potential collaborations);
- 4) a list of names and contact information for three (3) professional references

Review of applications will begin January 19, 2025, and continue until the position is filled.

Salary will be commensurate with education and experience. Benefits include comprehensive health, dental, and vision; life insurance; disability plan; employee assistance program (EAP); excellent retirement options and company contribution; and generous paid time off/sick leave accrual. All offers of employment are conditional pending the successful completion of a background investigation, provided by HireRight.

Posting Number: req2386

Type: Working 9 months per year

Position: Faculty Tenure Track

Division: College of Science and Engineering

The State of Idaho is committed to providing equal employment opportunities and prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities and prohibit discrimination against all individuals based on their race, color, religion, political affiliation or belief, sex, national origin, genetics, or any other status protected under applicable federal, state, or local laws.

The State of Idaho is committed to access and reasonable accommodations for individuals with disabilities, auxiliary aids and services are available upon request. If you require an accommodation at any step in our recruitment process, you are encouraged to contact (208) 334-2263 (TTY/TTD: 711), or email [ada.coordinator@dhr.idaho.gov](mailto:ada.coordinator@dhr.idaho.gov).

Preference may be given to veterans who qualify under state and federal laws and regulations.

To apply, visit <https://isu.csod.com/ux/ats/careersite/5/home/requisition/2386?c=isu>



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**Contact Information**

Please reference Academickeys in your cover letter when  
applying for or inquiring about this job announcement.

**Contact**

Civil and Environmental Engineering  
Idaho State University

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