

**Postdoctoral Associate I-CREWS Water Resources
Idaho State University**

Direct Link: <https://www.AcademicKeys.com/r?job=269319>

Downloaded On: Dec. 12, 2025 10:32pm

Posted Dec. 11, 2025, set to expire Apr. 8, 2026

Job Title Postdoctoral Associate I-CREWS Water Resources
Department College of Science and Engineering (2877)
Institution Idaho State University
Pocatello, Idaho

Date Posted Dec. 11, 2025

Application Deadline Open until filled
Position Start Date Available immediately

Job Categories Post-Doc

Academic Field(s) Marine/Freshwater Sciences
Geology - Hydrogeology
Environmental Sciences/Ecology/Forestry

Apply Online Here <https://apptrkr.com/6778224>

Apply By Email

Job Description

Image not found or type unknown

Thank you for your interest in positions at Idaho State University. Once you have applied, the most updated information on the status of your application can be found by logging into your profile and reviewing your status. For answers to additional questions, please review our [frequently asked questions](#).

Postdoctoral Associate I-CREWS Water Resources, College of Science and Engineering (2877)
Pocatello - Main
Review of applications will begin January 5, 2026

Postdoctoral Associate I-CREWS Water Resources Idaho State University

Direct Link: <https://www.AcademicKeys.com/r?job=269319>

Downloaded On: Dec. 12, 2025 10:32pm

Posted Dec. 11, 2025, set to expire Apr. 8, 2026

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 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 College of Science and Engineering invites applications for a two-year Postdoctoral Research Associate position, funded by the NSF EPSCoR program Idaho Community-Engaged Resilience for Energy-Water Systems (I-CREWS). This program facilitates community-engaged research with Tribal Nations and other Idaho communities to evaluate, model, and develop future scenarios for energy-water systems under environmental, technological, and social change.

The postdoctoral researcher will focus on modeling and simulation of energy-water systems such as groundwater, geothermal power, and other water-energy-ecological systems. The work will integrate hydrologic and ecological processes with energy-water infrastructure modeling, with opportunities to expand into related domains such as surface hydrology, GIS-based spatial modeling, Artificial Intelligence (AI) and advanced data science.

The successful candidate will engage in cross-disciplinary research with faculty from Biological Science, Civil and Environmental Engineering, Computer Science, and Geosciences, and will play a pivotal role in collaborative efforts with the Shoshone-Bannock Tribes as part of I-CREWS' commitment to community-driven research.

I-CREWS is a statewide research program focused on advancing resilience in energy-water systems through collaboration with Idaho's Tribal Nations and communities. This position will be embedded in that network, providing opportunities for collaboration with ISU's GIS Training and Research Center, the Center for Ecological Research and Education, and statewide research partners at Boise State University, the University of Idaho, and Idaho National Laboratory.

Questions about the position can be directed to the hiring committee chair, Dr. Bruce Savage at brucesavage@isu.edu.

This position is not eligible for new visa sponsorship at this time. Candidates who already hold valid

Postdoctoral Associate I-CREWS Water Resources Idaho State University

Direct Link: <https://www.AcademicKeys.com/r?job=269319>

Downloaded On: Dec. 12, 2025 10:32pm

Posted Dec. 11, 2025, set to expire Apr. 8, 2026

U.S. work authorization may be considered.

Key Responsibilities

- Conduct advanced modeling and simulation of the candidate's area of expertise like groundwater, geothermal, and ecological water-energy systems.
- Collaborate across disciplines to integrate hydrological, ecological, and energy infrastructure data.
- Engage in community-based research with Tribal Nations and Idaho stakeholders to co-develop resilience strategies.
- Disseminate research findings through peer-reviewed publications, conferences, and stakeholder workshops.
- Interface with ICREWS faculty
- Mentor graduate and undergraduate research assistants.

Minimum Qualifications

- Ph.D. in Biological Science, Civil/Environmental Engineering, or Geoscience, or a closely related discipline Applicants with all but dissertation (Abd) will be considered.
- Strong background in modeling and simulation.
- Demonstrated ability to conduct independent research and collaborate across disciplines.
- Excellent written and verbal communication skills.
- Demonstrated ability or willingness to work with communities, stakeholders, policy makers, and an interdisciplinary team.

Preferred Qualifications

- Experience in groundwater or geothermal modeling using industry standard software like Parflow or Modflow.
- Familiarity with ecological systems, water resources, or hydrology.
- Experience or familiarity with GIS, high-performance computing, or data integration methods.
- Ability to work effectively on multi-disciplinary research teams.
- Experience applying AI methods to environmental or energy-water system modeling.
- Prior experience working with Tribal and/or community-based research partnerships.

Additional Information

Postdoctoral Associate I-CREWS Water Resources Idaho State University

Direct Link: <https://www.AcademicKeys.com/r?job=269319>

Downloaded On: Dec. 12, 2025 10:32pm

Posted Dec. 11, 2025, set to expire Apr. 8, 2026

To be considered for this position, please submit the following information:

- Letter of application
- CV/Resume
- Statements of teaching and research interests addressing the preferred qualifications
- List of three (3) professional references, including current contact information.

The initial review of materials will begin on January 5, 2026, however, the position will remain open until filled. Salary will be commensurate with education and experience. **Questions about the position can be directed to the hiring committee chair, Dr. Bruce Savage at brucesavage@isu.edu.**

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.

Note: Thank you for your interest in positions at Idaho State University. Once you have applied, the most updated information on the status of your application can be found by logging into your profile and reviewing your status. For answers to additional questions, please review our [frequently asked questions](#).

Posting Number: req2650

Type: Working 12 months per year

Position: Non-classified Staff

Division: Office Of Academic Affairs

Idaho State University is an Equal Employment Opportunity employer, including Veterans and individuals with disabilities.

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.

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/2650?c=isu>

**Postdoctoral Associate I-CREWS Water Resources
Idaho State University**

Direct Link: <https://www.AcademicKeys.com/r?job=269319>

Downloaded On: Dec. 12, 2025 10:32pm

Posted Dec. 11, 2025, set to expire Apr. 8, 2026

jeid-096c16fa407e964eb1a8d35de4ef4374

Contact Information

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

Contact

Science and Engineering
Idaho State University

,