

<p>Apply at: http://jobs.iu.edu POSTING NUMBER: AC1 – 7475; PAE-4RS – 10577P</p>	<p>RESEARCH GEOLOGIST (HYDROGEOLOGY) Indiana Geological & Water Survey (PAE 4RS or AC1) Salary range \$55,000-\$72,500</p>
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The Indiana Geological and Water Survey, a research institute of Indiana University, seeks applications for a research scientist with expertise in hydrogeology to conduct basic and applied research to evaluate the water resources of Indiana and beyond.

Position summary:

Research scientist that independently plans and conducts basic and applied research relating to Indiana's water resources with an emphasis on evaluating groundwater quantity and quality at regional to site-specific scales. Areas of research interest could include the use of novel tools for mapping, monitoring, evaluating groundwater resources (e.g., aquifer testing, remote sensing, geophysics, geochemistry); surface water-groundwater interactions (e.g., geochemical modeling, isotopic and other tracers); interactions between groundwater and subsurface energy reservoirs (e.g., geothermal, hydrocarbons, carbon sequestration); and the impact of changing climates and population growth on groundwater resources. Research approaches that implement a combination of field, laboratory, and modeling methods are particularly desirable. Potential for collaborative interactions exist with other IGWS scientists, researchers across the IU-Bloomington Campus (e.g., Department of Earth and Atmospheric Sciences, School of Public and Environmental Affairs), and with state and federal agencies.

Minimum Education and Experience:

PhD required for academic classification (AC1). Master's Degree required for professional classification (PAE-4RS). Course work or research experience in hydrogeology and three years of related experience. Knowledge of the hydrogeology of Indiana and the Midwest is desired.

Required knowledge, skills, and abilities:

Demonstrated ability to formulate a research project, obtain funding, and bring it through to publication. Must have excellent communication skills, be well organized, and able to direct and supervise support staff. Requires outstanding interpersonal skills and the ability and desire to communicate hydrogeologic information to academic, governmental, and public audiences. Ability to communicate scientific findings at conferences and in professional journals, lectures, field trips, maps, and other publications. Working knowledge of hydrogeology, geochemistry, groundwater models, reservoir/aquifer characterization, and water resource assessments. Uses field and/or laboratory techniques to characterize the physical and chemical properties of water and earth materials. Uses modeling, monitoring, geochemical, GIS, database, statistical, remote sensing, and other methods to analyze and understand the hydrogeology of Indiana and beyond. Must be able to lift at least 50 pounds and walk over rough terrain, and obtain an Indiana driver's license. Must be willing to travel both in Indiana and out of state.

Application deadline is April 15, 2019, with an anticipated starting date of July 1, 2019 or sooner.

All applications must be submitted online at <https://jobs.iu.edu/>. Please note that there are two listings for this position: an academic rank (AC1) and a professional rank (PAE-4RS). The listing to be filled will depend upon the qualifications of the successful candidate. A complete application includes a cover letter to the Director, resume, and contacts for three references with your online application. For further information on the Indiana Geological & Water Survey, please see <http://igws.indiana.edu>.

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