

Apply at: http://jobs.iu.edu POSTING NUMBER: 06938P	RESEARCH GEOLOGIST (RESERVOIR GEOLOGIST/HYDROGEOLOGIST) Indiana Geological & Water Survey (PAE 4RS) Salary range \$55,000-\$65,000
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The Indiana Geological and Water Survey, a research institute of Indiana University, seeks applications for a Research Geologist (Reservoir Geologist/Hydrogeologist) to perform basic and applied research relating to Indiana's groundwater aquifers for water resources studies and/or reservoirs for conventional and unconventional energy resources.

Position summary:

Research geologist independently plans and conducts basic and applied research relating to Indiana's groundwater aquifers and reservoirs for conventional and unconventional energy resources, and plans and conducts multiple research projects as qualified for by knowledge and experience. Provides expertise for professional staff engaged in research activities and responds to service requests from the public, government agencies, industry and academia that relate to the geology of Indiana's energy and water resources. Conducts original field investigations to collect data on, map the extent of, and characterize properties of groundwater aquifers and/or reservoirs. Supervises and performs laboratory work using a variety of lab equipment such as microscopic examinations and sedimentological, geochemical, geophysical, and petro- and hydro-physical tests. Designs, evaluates, and reports on results from computer-based groundwater or reservoir models.

Minimum Education and Experience:

Master's Degree with course work or research experience in groundwater hydrogeology and/or reservoir characterization and three years of related experience. Knowledge of the hydrogeology and/or energy reservoirs of Indiana and the Midwest desired. PhD preferred.

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 geological information. Ability to communicate scientific findings in lectures, field trips, maps, professional journals, and other publications. Working knowledge of hydrogeology, groundwater models, reservoir/aquifer characterization, and basin analysis. Uses laboratory and field equipment that characterizes the physical and chemical properties of earth materials and water. Uses GIS, database, modeling, statistical, remote sensing, and other geological software for the analysis and depiction of Indiana's geology and hydrogeology. 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 and present findings at conferences.

Application deadline is April 15, 2018, with an anticipated starting date of July 1, 2018 or sooner.

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://igs.indiana.edu>.

Education Office for Civil Rights or the university Title IX Coordinator. See Indiana University's Notice of Non-Discrimination [here](#) which includes contact information.