Career Opportunity

**RESEARCH GEOLOGIST (Modeler) (PAE 4RS)**
Indiana Geological and Water Survey
Position# 00046644
Salary $55,000

Apply at: [http://jobs.iu.edu](http://jobs.iu.edu) Posting Number 07666P

The Indiana Geological and Water Survey, a research institute of Indiana University, seeks applications for a Research Geologist (Modeler) to plan and conduct investigations to enhance carbon sequestration models developed in collaboration with partners from the US-China Clean Energy Research Center and the Advanced Coal Technology Consortium.

**Position summary:**
Research geologist plans, develops, and conducts original investigations to model enhanced carbon sequestration in support of projects sponsored by the U.S. Department of Energy. Duties require the development of conceptual models, designing of software and writing of computer code, building of user interfaces, implementing case studies, and testing models. Serves as critical reviewer for professional papers and abstracts and presents papers at professional meetings. Responds to external geological service requests, including government officials, consultants, and citizens. Coordinates and conducts research with federal, state, and local agencies and other universities. Communicates basic scientific findings in lectures, field trips, geologic maps, professional reports, and other publications.

**Qualifications:**
Master’s degree required, PhD preferred, with computer science course work or research experience in computer modeling. Three years of related experience required. Must have demonstrated ability to formulate a research project, obtain funding, and bring it through to publication. Working knowledge of hydrogeological processes and code development for computer models. Excellent communication skills, well organized, and able to direct and supervise support staff. Outstanding interpersonal skills and the ability and desire to communicate geological information with government officials, consultants, and citizens in lectures, field trips, geologic maps, professional journals, and other publications.

**Note:** Position is 100% soft money funded externally by a USGS Award. Employment will be from hire date through the end of the project on December 31, 2018. Continued employment is contingent upon future funding.

**Application deadline is May 11, 2018 with an anticipated starting date of June 1, 2018 or sooner.**
A complete online application includes a cover letter addressed to the Director, resume, and contacts for three references, uploaded to jobs.iu.edu/. Further information on the Indiana Geological and Water Survey may be obtained at [http://igws.indiana.edu](http://igws.indiana.edu/).

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