

**POSTDOCTORAL SCHOLAR IN DATA MINING FOR
ENVIRONMENTAL GEOSCIENCES**

Penn State's Earth and Environmental Systems Institute is seeking a postdoctoral scholar to work on a recently funded NSF project to explore the distribution of methane concentrations and emissions in natural waters in regions of shale gas development. We seek one postdoc for a one-year term with excellent chances for reappointment (funding is available for up to 3 years). The best candidate will have a background in both geosciences and computing and will work in an interdisciplinary team.

The best candidate will have been trained in the domains of oil and gas geology, hydrology, or geochemistry but will also have basic computational skills including (1) proficiency in programming languages such as R and Matlab, and (2) experience in using programming to process and analyze data, run analytic models, and plot results. Experience in using ArcGIS to visualize geo-spatial data would be helpful.

The postdoc will work with Susan Brantley and Zhenhui (Jessie) Li in a team with graduate students and will be exposed to environmental geosciences and data mining techniques. Candidates should include a letter of interest, a CV, and contact information for three references with your application. Please contact Jessie Li (jessieli@ist.psu.edu) or Susan Brantley (brantley@geosc.psu.edu) with questions.

Apply to job #66615 at <https://psu.jobs/job/66615>

CAMPUS SECURITY CRIME STATISTICS: For more about safety at Penn State, and to review the Annual Security Report which contains information about crime statistics and other safety and security matters, please go to <http://www.police.psu.edu/clery/>, which will also provide you with detail on how to request a hard copy of the Annual Security Report.

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