

Subject: MS-PhD positions available at IUPUI

The Ecohydrology and Biogeochemistry lab of Indiana University-Purdue University Indianapolis (IUPUI) seeks multiple motivated students interested in pursuing a MS or PhD (Applied Earth Sciences) degree in the Department of Earth Sciences. Two federal funded projects are available to support the students' endeavors. One NSF funded project is on the effects of non-rainfall water input on plant-soil water interactions in drylands with fieldwork in Namibia. Another project investigates the buffering effect of no-till agriculture on crop yield, nutrient use efficiency, and leaching potential under drought conditions (USDA-funded). The positions are available from August 2016, and will be supported through research and teaching assistantships that provide a competitive stipend, tuition remission and health insurance. The student(s) will be advised by Dr. Lixin Wang (<http://earthsciences.iupui.edu/~lxwang>). The USDA project supported student will be co-advised by Dr. Pierre-André Jacinthe and will work in close collaboration with the Remote Sensing group led by Dr. Lin Li. Applicants must hold a BS degree in earth sciences, hydrology, soil science, environmental sciences or related disciplines, and have strong oral and written communication skills.

IUPUI is Indiana's premier urban public research university, currently enrolling more than 30,000 students. In 2011, IUPUI was ranked 3rd by U.S. News and World Report in "Up-and-Coming National Universities". Indianapolis is a very livable city with a wealth of outdoor, cultural, and sporting activities. The department of Earth Sciences has a wide variety of analytical facilities including LGR and Picarro water isotope analyzers, IRMS facility for ¹³C, ¹⁵N and ³⁴S measurements, CN analyzer, and wet chemistry laboratories equipped for soil, water and plant analysis.

To apply, please send a copy of your application materials (statement of interest, resume, unofficial transcripts, GRE score, TOEFL score if applicable, and contact information of three referees) to Dr. Lixin Wang (lxwang@iupui.edu). Review of applications will start immediately and continue until the positions are filled.

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