

Applications are being sought for a post-doctoral research associate (PRA) who will investigate land-use impacts on stream response to precipitation and runoff, and sediment transport and loading in a mixed land-use watershed of the central US. The incumbent will use a multi-year data set from a nested-scale experimental watershed study to improve quantitative understanding and model predictive confidence of land-use impacts on flow and suspended sediment regimes.

Applicants should have a PhD in a relevant discipline such as hydrology, physical geography or civil engineering. Knowledge of geographical information systems, non-point source water quality models and / or process based watershed hydrology models, field instrumentation and statistical techniques for data acquisition and analysis are essential. The successful applicant will be expected to publish research findings in the international peer reviewed literature and participate in a multidisciplinary research group. There may also be expectations of teaching, guest lecturing, and peripheral research activities.

Applicants must have strong verbal, written, and computational skills. Successful applicants will be required to work collaboratively and independently, and conduct field work under variable weather conditions. Applicants must possess a valid US driver's license and be able to lift and carry equipment and tools. This is a fully funded position, renewable annually, for up to 4-years. When applying, please forward by email the following documents: transcript, curriculum vitae showing graduation date(s), GRE scores, TOEFL scores (international applicants), cover letter (including academic, research, and professional goals and interests), and the names and contact information of three references to Dr. Jason Hubbart,

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