

SHADAB ANWAR

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Education

Florida International University Miami	Geosciences	PhD 2008
Indian Institute of Technology Kanpur India	Civil Engineering	MS 2003
Muzaffarpur Institute of Technology India	Civil Engineering	BS 2001

Experience

2011-Present **Assistant Professor**, Geological Sciences and Engineering
Missouri University of Science and Technology
2009-2011 **Post-Doctoral Researcher**, Civil and Environmental Engineering
University of South Florida Tampa
2008-2009 **Post-Doctoral Researcher**, School of Natural Resources and Environment.
University of Florida Gainesville
2004-2008 **Graduate Research & Teaching Assistant**, Earth Sciences
Florida International University Miami
2003-2004 **Research Associate**, Civil Engineering
Indian Institute of Technology Kanpur India

Editorial board: Open Journal of Modern Hydrology (OJMH).

Publications

- **Anwar, S.** and M.C. Sukop 2009. Regional scale transient groundwater flow modeling using lattice Boltzmann methods. Computers and Mathematics with Applications. doi:10.1016/j.camwa.2009.02.025
- **Anwar, S.** and M.C. Sukop 2008. Lattice Boltzmann models for flow and transport in karst aquifers. Ground Water. doi: 10.1111/j.1745-6584.2008.00514.x
- **Anwar, S.**, A. Cortis, and M.C. Sukop 2008 Lattice Boltzmann Simulation of Solute Transport in Heterogeneous Porous Media with Conduits to Estimate Macroscopic Continuous Time Random Walk Model Parameters. Prog Comp Fluid Dy. Vol. 8(1-4): 213-221.
- Sukop, M.C., **S. Anwar**, J.S. Lee, K.J. Cunningham, and C.D. Langevin. 2008. Modeling Ground-water Flow and Solute Transport in Karst with Lattice Boltzmann Methods, Proceedings of the U.S. Geological Survey Karst Interest Group Workshop, May 27-29, 2008, Bowling Green, Kentucky, Western Kentucky University Campus.
- Bardsley, K.J., **S. Anwar**, and M.C. Sukop 2006 Simultaneous heat and solute transport modeling of ground water with lattice Boltzmann methods. CMWR XVI - Computational Methods in Water Resources, XVI International Conference, Copenhagen, Denmark, June 19-22

Research

Carbon sequestration, Karst modeling, Flow and transport modeling

Honors

Recipient of Dissertation Year Fellowship 2007