

# NSF Science and Technology Center for Sustainability of semi-Arid Hydrology and Riparian Areas (SAHRA)

## POST-DOCTORAL OPPORTUNITIES

The Science and Technology Center for "Sustainability of semi-Arid Hydrology and Riparian Areas" (SAHRA) seeks exceptional applicants for several prestigious post-doctoral appointments. Join a team dedicated to cutting-edge cross-disciplinary research on hydrology and water resources management. SAHRA's research initiatives coordinate and integrate a broad range of disciplines (including the natural and social sciences) while stressing education and technology transfer.

Located at the University of Arizona's top-ranked Department of Hydrology and Water Resources, SAHRA <[www.sahra.arizona.edu](http://www.sahra.arizona.edu)> emphasizes the application of innovative research methods to actual stakeholder-driven problems. A major goal is to develop effective mechanisms for rapidly moving scientific knowledge into widespread usage by the public and private agencies responsible for managing our water resources. The thrust areas for cross-disciplinary research include:

- Spatial and Temporal Properties of Hydrologic Variables
- Processes Controlling Water and Chemical Balances in Catchments
- Functioning of Riparian Systems
- Integrated Modeling of Catchment-Scale Processes
- Sustainable Water Resources Management
- Education and Outreach (K-12 through Univ., Professional and Public)
- Technology Transfer (Public and Private sectors, International)

SAHRA's Partner institutions include:

New Mexico Tech	Los Alamos National Laboratory
Penn State University	U.S. Geological Survey
Columbia University Biosphere 2	Agricultural Research Service
University of New Mexico	Army Corp of Engineers (CRREL)
Arizona State University	International Boundary and Water Commission
Northern Arizona University	Instituto Mexicano de Tecnologia del Agua
University of California (UCLA, Scripps, and Riverside)	Instituto le Medio Ambiente y Desarrollo Sostenible del Estado de Sonora
University of Nevada-Reno DRI	Universidad Autonoma de Chihuahua

The STC offers a very competitive salary (depending on experience) and compensation package, including medical, dental, vision and retirement benefits. Applications should include a curriculum vita, three professional letters of recommendation, a succinct summary of previous research and a statement of research interests. Positions open until filled. Please send applications to Dr. Soroosh Sorooshian, Director STC, Attn: Fellowship Committee, Department of Hydrology and Water Resources, The University of Arizona, Tucson, AZ 85721-0011.



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