



Tenure Track Assistant Professor in Hydroinformatics

The Department of Civil and Environmental Engineering at Utah State University invites applications for a tenure-track faculty position at the assistant professor level in the area of hydrology and environmental engineering with an emphasis on hydrologic and environmental data management and information systems, environmental monitoring and sensor networks, and data intensive modeling. The successful applicant will work collaboratively in these areas to help lead groundbreaking projects to develop hydrologic information systems, cyberinfrastructure and advance hydrology and water resources engineering.

This unique opportunity is linked to a recently awarded cooperative agreement between the National Science Foundation and the state of Utah designed to expand the capacity of Utah's research faculty to conduct interdisciplinary research to address water sustainability challenges (see the iUTAH program at <http://iutahepscor.org>). The successful candidate will contribute leadership in the development of cyberinfrastructure for iUTAH, participate in iUTAH activities as appropriate, and collaborate on new, interdisciplinary grant proposals relevant to the iUTAH theme of sustainable water decision-making through better integration of social, hydro-climate, ecological and engineering knowledge and better links between the academic community and local water management institutions.

Candidates must have earned a doctoral degree in civil and/or environmental engineering, with research expertise in hydrologic information systems, environmental monitoring and sensor networks, environmental data management, and cyberinfrastructure for hydrology and water resources engineering. They should have a record of peer-reviewed publications in their area(s) of research expertise. Preference will be given to candidates who have obtained funding to support their scholarly activities and have experience teaching and mentoring graduate students at the college/university level. iUTAH funds allow us to guarantee 12 months of salary for the first four years, after which the position will support 9 months of salary with the applicant expected to support their summer salary through extra-mural grants.

The role assignment for this position will be approximately 65% research and scholarship, 25% teaching, and 10% service. We expect the successful candidate to recruit and mentor graduate students, work with students to conduct and publish original peer reviewed research, and write grants to secure funding to support graduate students and the applicant's research program. This position involves a teaching load of 2 courses per year. The successful candidate will offer a graduate level course in Hydroinformatics and contribute to core curriculum needs.

Utah State University is Utah's flagship of higher education and research in the areas of water, natural resources and the environment. The successful candidate will have a joint appointment at Utah's lead water research facility, the Utah Water Research Laboratory. Both Utah State University and the Utah Water Research Laboratory are situated in Logan, Utah in the heart of scenic Cache Valley, approximately 80 miles north of Salt Lake City and known for world class skiing, hiking and other year around outdoor activities.

Review of applications will begin December 10, 2012 and continue until the position is filled. Applications should be completed on-line at: <http://jobs.usu.edu/applicants/Central?quickFind=58113>. Questions should be directed to Professor David Tarboton, Search Committee Chair, (435) 797 3172, dtarb@usu.edu. Utah State University is an affirmative action/equal opportunity employer and is dedicated to recruiting stellar candidates from a diverse pool including women, minorities, veterans and people with disabilities.