

## Hydrology and Water Resources Engineering

The Fulton Schools of Engineering at Arizona State University (ASU) seek applicants for a nine-month tenure-track/tenured faculty position in hydrology and water resources engineering. Research areas of interest include, but are not limited to: **water resources sustainability, hydrologic informatics, and interactions of water infrastructure with climate, land cover change or public health** to grow and strengthen our efforts in the Sustainable Water Initiative. We seek candidates that integrate multiple tools, including field/remote sensing observations and advanced data analysis and computational models.

Faculty in the Fulton Schools of Engineering are currently involved in several multidisciplinary research and teaching efforts aimed at addressing water resources sustainability challenges. Faculty are engaged, for example, in the study of interactions of urban infrastructure, climate and water, use of novel sensing platforms in the built and natural environment, high performance computing of coupled hydrologic and atmospheric flows, and development of decision support systems for stakeholder engagement. Close collaborations also exist with faculty across the university, including faculty from the Global Institute of Sustainability, School of Earth and Space Exploration, School of Life Sciences, School of Geographical Sciences and Urban Planning and Decision Center for a Desert City. This search is aimed at further broadening and strengthening this interdisciplinary collaborative enterprise through complementary research and teaching activities.

Successful candidates should have a Ph.D. degree in Civil or Environmental Engineering or a field closely related to hydrology or water resources engineering. Required qualifications also include demonstrated evidence of research capability as appropriate to the candidate's rank and commitment to teaching excellence. Faculty members are expected to develop an internationally recognized and externally funded research program, adopt innovative educational practices in both graduate and undergraduate instruction, advise students, and undertake service activities. The successful candidate will be expected to teach undergraduate and graduate courses that support the Sustainable Water Initiative. Priority will be given to candidates whose research interests address interdisciplinary challenges in the field.

Appointment will be at the assistant, associate or full professor rank commensurate with the candidate's experience and accomplishments, beginning August 2014. Although the appointment may be in any of Fulton Engineering's five schools, the successful candidate is most likely to be placed in the Civil, Environmental and Sustainable Engineering program within the School of Sustainable Engineering and the Built Environment.

Review of applications will begin November 1, 2013. If not filled, reviews will occur on the 1st and 15th of the month thereafter, until the search is closed. To apply, submit as a single PDF file the following: a current CV, statements describing research and teaching interests and contact information for three references to [hydrosystems.engineering@asu.edu](mailto:hydrosystems.engineering@asu.edu)

For more information or questions about this position, please write to [hydrosystems.inquiry@asu.edu](mailto:hydrosystems.inquiry@asu.edu)

**Arizona State University is an equal opportunity/affirmative action employer. Women and minorities are encouraged to apply. See ASU's full non-discrimination statement (ACD 401) at <https://www.asu.edu/aad/manuals/acd/acd401.html> and the Title IX statement at <https://www.asu.edu/titleIX/>.**

ASU offers applicants an opportunity to voluntarily self-disclose information for the University's affirmative action plan; applicants may complete an [EEO survey](#) for the position they are applying for online.

### Information you'll need to complete the survey:

Job Number:	10527
Job Title:	Hydrology and Water Resources Engineering
Department Name:	Engineering