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Subject: Faculty Opening at Arizona State University
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<http://engineering.asu.edu/facultypositions>

Sustainable Systems Faculty Search

The Ira A. Fulton Schools of Engineering at Arizona State University (ASU) are seeking creative and entrepreneurial faculty with backgrounds and interests aligned with our research themes and a passion for educating and mentoring the next generation of engineers. Our research themes include energy, health care, sustainability, security, exploration, and engineering education.

We seek applicants for a tenure-track or tenured faculty position in the area of sustainable systems, including sustainable building, transportation or other infrastructure systems, to assist with realigning construction engineering/construction management with emphasis on innovations in sustainable delivery, design, monitoring and rehabilitation. This position will have an emphasis on, but not limited to: intelligent structures, design for decommissioning and reuse, **urban systems analysis/modeling, sustainable transportation, design and optimization of resilient transportation networks/infrastructure that recover rapidly from disasters, critical infrastructure monitoring**, integration of sensor technology for realtime in-situ monitoring of structural condition and energy efficiency of buildings. The faculty appointment is expected to be in the civil, environmental, or sustainable engineering (CESE), DEWSC, and/or construction engineering programs within the School of Sustainable Engineering and the Built Environment.

The candidate will interface directly with the School of Sustainability and other ASU efforts in this area. The successful candidate should be focusing on future research and trends. Appointment will be at the assistant or associate professor rank commensurate with the candidate's experience and accomplishments, beginning August 2011. Faculty members are expected to develop an internationally recognized and externally funded research program, teach graduate and undergraduate courses, advise students, and undertake service activities. The originality and promise of each candidate's work are higher priorities than the specific sub-area of research.

We will also consider how each applicant might leverage investments by the University in promoting interdisciplinary teaching and research, including the Global Institute of Sustainability (<http://sustainability.asu.edu>), and the High Performance Computing Initiative (<http://hpc.asu.edu>), and the Decision Theatre (<http://decisiontheater.org/>).

Required qualifications include an earned doctorate in engineering, construction or related field, demonstrated evidence of research capability and commitment to teaching excellence as appropriate to the candidate's rank. Review of applications will begin December 1, 2010; if not filled reviews will continue weekly until the search is closed. To apply, please submit a current CV, a statement describing your research and teaching interests, and a list of, and contact information for three references to references to sustainable.building.systems@asu.edu Please address questions to the Search Committee Chair, Professor Al Chasey (achasey@asu.edu). Arizona State University is an equal opportunity/affirmative action employer. Women and minorities are encouraged to apply.

Survey:

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 order number: 9663

Job Title: Sustainable Building Systems

Department Name: Engineering

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