



Faculty Position Civil & Environmental Engineering

Water in an Energy Constrained World

The Department of Civil and Environmental Engineering at Rice University, Houston, TX (<http://ceve.rice.edu>) invites applications for a tenure track faculty position in *Water in an Energy Constrained World*. Whereas the position is intended at the Assistant or Associate Professor level, exceptional candidates at higher levels will be considered.

Rice offers an outstanding environment for research in the sustainability of urban and natural systems. The department invites candidates with a *comprehensive view of the water-energy nexus* and a propensity to conduct interdisciplinary and policy-relevant research with expertise in one or more of the following areas: water management for energy production (including technological innovation for distributed treatment and reuse of produced waters, and assessment and mitigation of the water footprint); remote sensing and modeling of land-sea-atmosphere interactions to evaluate natural hazards and assess regional-scale changes in the hydrologic cycle; biotechnology for water pollution control and energy generation; assessment, management and upgrading of existing regional-urban water infrastructure systems; advanced technologies for water quality monitoring; infrastructure network topology; and efficient water treatment and reuse systems to minimize energy and infrastructure requirements (including nanotechnology-enabled water treatment and low-energy desalination).

Successful candidates are expected to establish a rigorous, externally-funded research program and to teach in the CEE core as well as develop undergraduate and graduate courses within their area of expertise. All candidates must have a Ph.D. in an appropriate engineering or related discipline, and evidence of excellence in teaching and research.

To apply, please access our application website (<http://cee-facultyaps.rice.edu>), and upload a cover letter that summarizes qualifications for this position, your curriculum vitae, statements of research and teaching interests, and names, addresses, and mail and telephone contact information of three (3) references.

Review of applications will begin January 1, 2014 with start date expectation of July 1, 2014.

Rice University is an Affirmative Action/Equal Opportunity Employer, committed to excellence through diversity, and strongly encourages applications from women and members of under-represented minority groups.