Assistant Professor, Hydroinformatics

An emerging area in water resources research is hydroinformatics, in which state-of-the-art numerical modeling, information technology, multiscale sensor networks, and communication systems are used to study complex hydro-environmental systems. We are seeking applicants for a 9-month, tenure-track research and teaching position in Hydroinformatics as part of a cluster hire of seven new faculty positions at Virginia Tech.

Responsibilities:
- Teach undergraduate- and graduate-level course(s) in hydro- and environmental informatics
- Support graduate students and research programs with external funding
- Advise undergraduate students and supervise graduate students
- Actively collaborate with other water resources experts on campus
- Conduct innovative research relating to water resource challenges leading to significant and peer-reviewed publications
- Participate in department, college, and university service and governance

Qualifications:
Required: Ph.D. in environmental sciences, computer science, natural resources management, or related discipline with research expertise in hydroinformatics

Preferred: Interest and experience in one or more of the following: multi-scale hydro-environmental systems, integrated modeling and data mining systems, land surface-climate feedbacks, multi-objective optimization, and stakeholder-driven hydrological modeling and management

Salary: Commensurate with education and experience

Starting Date: Negotiable, with a target of August, 2013

Application Procedure: Online application is required. [http://www.hr.vt.edu/employment/](http://www.hr.vt.edu/employment/) Search for Posting Number TR015531. Requests for confidentiality will be respected. Review of applications will begin on or about March 20, 2013, and continue until a suitable applicant is selected.

For additional information about this position, please contact:
Dr. Randolph Wynne, Search Committee Co-Chair
Department of Forest Resources and Environmental Conservation
Virginia Tech
(540) 231-7811
wynne@vt.edu

Virginia Tech has a strong commitment to the principle of diversity and, in that spirit, seeks a broad spectrum of candidates, including women, minorities, and people with disabilities. Individuals with disabilities desiring accommodations in the application process should notify Janaki Alavalapati, Department Head (540-231-5483 Voice/1-800-828-1120 VTRS), by the application deadline.