



Title: Tenured/Tenure-Track, Open Rank,  
Robotics and Water Resource Engineering

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Work Location: Miami, Florida,

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### Description

The College of Engineering and Computing (CEC) at Florida International University (FIU) invites applications for tenured/tenure-track, open rank faculty position beginning Fall 2018. Outstanding candidates are sought with expertise with specialization in:

- Robotics
- Water Resource Engineering

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### Required Skills

These positions are part of a cluster hiring initiative to grow pre-eminent areas of research excellence at FIU. The applicants may have joint appointments in multiple departments. Applicants must have a Ph.D. degree or equivalent in Mechanical Engineering, Civil Engineering or a related field, demonstrated a record of scholarly work commensurate with rank and commitment to teaching a diverse set of undergraduate and graduate students in the area Mechanical Engineering and/or Civil Engineering. The candidate will work closely with the Bridge Engineering, Extreme Events Institute, Sea Level Rise Center, Southeast Environmental and Research Center, and Advanced Materials Engineering Research Institute (AMERI). A brief description for each position is described below:

- **Robotics:** Candidates are sought with the expertise in the field of robotics, including, but not limited to the design and control of soft robots, and bio-inspired versatile robots in the area of large infrastructure, robotic construction and structural health monitoring in difficult to access environment, novel processes for robot fabrication, human-robot interaction, and micro-robots. The candidate is expected to work across multiple centers and departments augmenting robotics applications.
- **Water Resource Engineering:** Candidates are sought with the expertise in the area of flooding, storm surge, water management, Hydrology, Fluid Mechanics, and Numerical Modeling with a focus on human interferences in hydrological processes, water-energy-food nexus, and sustainable water resources management. The candidate is expected to work across multiple centers and

departments augmenting water-based engineering applications for large-scale infrastructure and sustainability.

**Kind:** Full Time

**Level:** Faculty

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**Apply**

Qualified candidates are encouraged to apply to Job Opening ID 514651 at [facultycareers.fiu.edu](http://facultycareers.fiu.edu) and attach a cover letter, curriculum vitae with lists of publications and research grants, a statement of research experience and plans, a statement of teaching experience and interests, and contact information for three references as a single pdf file. References will be contacted as determined by the search committee. **Review of applications will start on March 10, 2018 however, search will continue until positions are filled.**

***FIU is a member of the State University System of Florida and an Equal Opportunity, Equal Access Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law.***

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