



COLLEGE OF ENGINEERING & COMPUTER SCIENCE
Department of Civil, Environmental & Geomatics Engineering
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Assistant Professor Positions in Civil, Environmental & Geomatics Engineering:

The Department of Civil, Environmental & Geomatics Engineering (CEGE) at Florida Atlantic University (FAU) welcomes applications for multiple tenure-track assistant professor positions in structural engineering, civil materials, water resources/environmental engineering, and transportation engineering. The candidate is expected to demonstrate strengths in one or more of the following areas: complex structural systems and component behaviors under static and dynamic loadings, advanced structural and material modeling techniques machine learning/AI tools for studying complex interdependent problems associated with the built environment, flow in porous media, hydraulics, subsurface geo-environmental engineering, groundwater flow, transport modeling, transportation operations and management, emerging vehicle and infrastructure technologies, big data, artificial intelligence, cyber physical systems, travel demand modeling, transportation energy, and transportation planning. Candidates with exceptional research portfolios may also be considered at a higher rank.

The Department of Civil, Environmental & Geomatics Engineering (CEGE) at FAU is highly interdisciplinary and conducts research primarily in the broad thematic areas of Urban Mobility/Infrastructure and Water Resources/Environmental Sustainability. The Department hosts various centers including the Freight Mobility Research Institute (fmri.fau.edu), a Tier 1 University Transportation Center sponsored by the US Department of Transportation, Center for Water Resiliency and Risk Reduction (cwr3.fau.edu), and Center for Infrastructure and Constructed Facilities. The Department also houses a Transportation Research and Education Hub at the FAU Sea Tech campus. For more information about CEGE, visit cege.fau.edu.

The FAU College of Engineering and Computer Science is in the top three fastest progressing engineering colleges in the nation (US News and World Report Rankings 2020-2022) and is internationally recognized for cutting edge research and education in the areas of computer science, artificial intelligence (AI) and robotics, computer engineering, electrical engineering, biomedical engineering and biorobotics, civil, environmental and geomatics engineering, mechanical engineering, and ocean engineering. Research conducted by the faculty and their teams expose students to technology innovations that push the current state-of-the art of the disciplines. The College research efforts are supported by the National Science Foundation (NSF), the National Institutes of Health (NIH), the Department of Defense (DOD), the Department of Transportation (DOT), the National Aeronautics and Space Administration (NASA), the Department of Education (DOEd), the State of Florida, and industry. The College also utilizes additional institutional research resources through fellow appointments of its faculty in four University Institutes of research excellence/pillars, namely, the Institute for Sensing and Embedded Network Systems Engineering (I-SENSE), the Harbor Branch Oceanographic Institute (HBOI), the Stiles-Nicholson Brain Institute (I-BRAIN), and the Institute for Human Health and Disease Intervention (I-HEALTH). The FAU

College of Engineering and Computer Science offers degrees with a modern twist that bear specializations in areas of national priority such as AI, cybersecurity, internet-of-things, transportation and supply chain management, and data science. The College has a student body of approximately 3,000 undergraduate and 500 graduate students. For more information about the College, please visit eng.fau.edu.

The FAU College of Engineering and Computer Science is deeply committed to a community of excellence, equity, and diversity and welcomes applications from women, underrepresented minorities, persons with disabilities, sexual minority groups, and other candidates who will contribute to the diversification and enrichment of ideas and perspectives.

Florida Atlantic University, established in 1961, officially opened its doors in 1964 as the fifth public university in Florida. Today, the University serves more than 30,000 undergraduate and graduate students across six campuses located along the southeast Florida coast. In recent years, the University has doubled its research expenditures and outpaced its peers in student achievement rates. FAU is designated a Hispanic-serving institution, ranked as a top public university by U.S. News & World Report, and a High Research Activity institution by the Carnegie Foundation for the Advancement of Teaching. For more information, visit www.fau.edu.

Located in the heart of Palm Beach County, the city of Boca Raton and surrounding areas provide the best of everything - schools, beautiful beaches, pristine surroundings, indoor and outdoor recreation, restaurants, theaters, entertainment, shopping and much more. Boca Raton also offers a diverse array of communities, activities, and residents.

Applicants must have a doctorate degree in civil engineering, environmental engineering, transportation engineering or closely related field and are expected to demonstrate a strong research record commensurate to their rank. Registration as a Professional Engineer, or an ability to acquire it within few years of employment, is expected for applicants in civil or environmental engineering. Successful applicants are expected to develop and sustain an extramurally funded research program and show a strong commitment to excellence in teaching. Applicants should submit a diversity statement that demonstrates a commitment to diversity, equity, and inclusion (DEI), and more specifically, a commitment to strengthen the College climate for DEI and promote DEI activities. Applicants are required to submit all supporting application materials online in PDF format by visiting www.fau.edu/jobs. Submitted materials should also include a letter of interest that incorporates research and teaching statements, an up-to-date CV, and names of three references. The following is the application link: https://fau.wd1.myworkdayjobs.com/en-US/FAU/job/Boca-Raton/Assistant-Professor--Civil--Environmental--and-Transportation-Engineering_REQ12166

Review of applications will begin in February 2022 and will continue until the position is filled.