

**Tenure-Track Faculty Position in Fluid-Structure
Interaction and Fluid Dynamics
Florida A&M University - Florida State University College
of Engineering**

Direct Link: <https://www.AcademicKeys.com/r?job=247223>

Downloaded On: Oct. 18, 2024 8:19am

Posted Oct. 17, 2024, set to expire Feb. 15, 2025

Job Title	Tenure-Track Faculty Position in Fluid-Structure Interaction and Fluid Dynamics
Department	Department Civil and Environmental Engineering https://eng.famu.fsu.edu/cee
Institution	Florida A&M University - Florida State University College of Engineering Tallahassee, Florida
Date Posted	Oct. 17, 2024
Application Deadline	Open until filled
Position Start Date	August 2025
Job Categories	Assistant Professor
Academic Field(s)	Engineering Mechanics Civil Engineering Ecological and Environmental
Job Website	https://hr.fsu.edu/facultyjobs
Apply Online Here	https://hr.fsu.edu/facultyjobs
Apply By Email	
Job Description	

**Tenure-Track Faculty Position in Fluid-Structure Interaction and Fluid Dynamics
In the Department of Civil and Environmental Engineering**

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Florida A&M University – Florida State University College of Engineering

The Department of Civil and Environmental Engineering at the Florida A&M University – Florida State University (FAMU-FSU) College of Engineering invites applications for a tenure-track faculty position. The successful candidate will work in areas that complement and strengthen existing faculty research and teaching in fluid dynamics. We expect to hire at the Assistant Professor rank, but well-qualified candidates will be considered at a higher rank.

We are seeking highly qualified applicants with research on fluid dynamics in the near-shore and offshore environments. The specific focus of this search is to expand the collaboration with our faculty in multiple areas (structural, geotechnical, or environmental engineering). Applicants with significant overlap with the current faculty expertise (ex, focus on wind tunnel testing or focus on structural mechanics rather than fluid mechanics) will not be competitive.

The candidate must show evidence of research and collaboration in fluid-structure interaction such as wind-structure or wave-structure interactions. We are especially interested in a candidate with an interdisciplinary background and research experience. Example areas of interest include but not limited to:

- CFD simulations of fluids acting on solid surfaces
- Multi-scale fluid dynamics
- Hydroelasticity and wave mechanics (in a scale relevant to typical coastal structures)
- Hydrodynamic loads on offshore platforms and energy structures
- Fluid dynamics associated with tropical cyclones near surface, under current and future climate conditions

The FAMU-FSU College of Engineering is the nexus of two major public universities, each with a distinct mission but focused on world-class engineering education and research. Created by the Florida Legislature in 1982, the joint institution is the college of engineering for both Florida A&M and Florida State universities. This unique combination of focus, resources and mission from our parent institutions has created on our campus a truly innovative atmosphere that leverages the benefits of the traditional HBCU model with the innovations of an R-1 public research university. After completing pre-requisites at their home institution, FAMU and FSU students learn, study and research together at our independent campus with joint-appointed faculty and staff. Students graduate from their enrolling university and from the FAMU-FSU College of Engineering. Both FAMU and FSU are part of the State University System of Florida and are accredited by the Southern Association of Colleges and Schools

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Commission on Colleges. Additionally, all seven (7) of the college's eligible undergraduate degree programs are accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org>.

The Department of Civil and Environmental Engineering has a strong and growing reputation with a special focus on disaster resilience and sustainability, recently establishing the Center for Resilient Infrastructure and Disaster Response (RIDER). The successful candidate will join 30 full-time faculty members in a department with approximately 400 undergraduate and over 120 graduate students and will work closely with colleagues at the RIDER Center (<https://rider.eng.famu.fsu.edu/>), the FAMU School of the Environment (<https://soe.famu.edu/>), the FSU Department of Earth, Ocean, and Atmospheric Science (<https://www.eoas.fsu.edu/>), and various centers on both campuses.

Candidates must possess an earned Ph.D. in civil and environmental engineering or closely related discipline. Post-doctoral experience in related topic areas is preferred. The successful candidate is expected to establish and maintain a robust externally funded research program, have a strong commitment to teaching excellence in undergraduate and graduate courses, and participate in college and professional service. Possession of a Professional Engineering (PE) License or the ability to obtain a Florida PE license is highly desirable.

If qualified and interested in the positions, applicants should apply to Florida State University at <https://hr.fsu.edu/facultyjobs>, **Job ID: 58856**, with the following documents:

1. A cover letter
2. A full curriculum vitae
3. A research statement including research interests and plans
4. A statement on teaching and philosophy
5. No more than four selected publications for review
6. The names and contact information of four potential references
7. [An Equal Employment Opportunity Survey for Faculty Applicants](#)

Any questions about the search should be directed to the search committee co-chairs: Dr. Sungmoon Jung (sjung@eng.famu.fsu.edu) and Dr. Wenrui Huang (whuang@eng.famu.fsu.edu).

To ensure full consideration, please submit your application by **December 31, 2024**. The review of the applications will begin in January 2025. Appointments are expected to begin in August 2025. Additional information about both universities and the department may be found at <http://www.eng.famu.fsu.edu>.

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Criminal Background Check:

This position requires successful completion of a criminal history background check. The background check will be conducted as authorized and in accordance with FSU Policy 4-OP-C-7-B11.

Florida A&M University and Florida State University are Equal Opportunity/Affirmative Action employers that encourage applications from minorities and women and comply with the American Disabilities Act. Both are public records agencies pursuant to Chapter 119, Florida Statutes.

EEO/AA Policy

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Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Dr. Sungmoon Jung and Dr. Wenrui Huang
Department of Civil and Environmental Engineering
Florida A&M University - Florida State University
College of Engineering
2525 Pottsdamer Street
FAMU-FSU College of Engineering
Tallahassee, FL 32310



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