

Tenure-Track Professor/Associate Professor/Assistant
Professor
THE UNIVERSITY OF HONG KONG

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Posted Mar. 11, 2025, set to expire Sep. 9, 2025

Job Title	Tenure-Track Professor/Associate Professor/Assistant Professor
Department	Department of Civil Engineering http://www.civil.hku.hk/
Institution	THE UNIVERSITY OF HONG KONG Hong Kong, , Hong Kong
Date Posted	Mar. 11, 2025
Application Deadline	Until June 30, 2025 or until the posts are filled, whichever is earlier
Position Start Date	Available immediately
Job Categories	Assistant Professor Associate Professor Professor
Academic Field(s)	Water Resources Engineering Transportation Engineering Sustainable Engineering Structural Engineering Geotechnical Ecological and Environmental Construction Engineering/Management Civil Engineering
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Job Description	

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Applications are invited for appointment as **Tenure-Track Professor/Associate Professor/Assistant Professor (7 posts) in 7 research areas in the Department of Civil Engineering** (Ref.: 531179), to commence on July 1, 2025 or as soon as possible, on a three-year fixed-term basis, with the possibility of renewal and consideration for tenure before the expiry of a second three-year fixed-term contract.

The Department of Civil Engineering is one of the five engineering departments in the Faculty of Engineering. The Department has a world class reputation for leading research and teaching in civil engineering, and has nurtured high-calibre leaders for the community as well as the civil engineering profession. The Department is ranked 20th in the world under the QS University Subject Rankings 2024 in the subject area of civil and structural engineering. The Department is active in research in construction engineering and management, transportation engineering, geotechnical engineering, structural engineering, and water and environmental engineering. Information about the Department can be obtained at <http://www.civil.hku.hk/>.

Research Areas

1. Carbon Neutral Infrastructure

Applicants should possess a Ph.D. degree in Civil Engineering, Construction Engineering and Management or a related field for the relevant post, with relevant experience in teaching and research. A strong background in low or zero carbon technologies for infrastructure development, covering fabric measures, negative carbon materials, renewable and emerging technologies, and decarbonized process engineering and power supply would be desirable. The appointee will be expected to teach undergraduate and postgraduate courses and supervise research students and projects.

2. Digital Building Engineering

Applicants should possess a Ph.D. degree in Civil Engineering, Construction Engineering and Management, Building Engineering, or a related field for the relevant post, with relevant experience in teaching and research. A strong background in digital building engineering, such as BIM, Geographic Information System (GIS), Computer Vision (CV), AIoT, etc. for achieving high quality, productivity and sustainability of large, complex and dynamic building and infrastructure facilities would be desirable. The appointee will be expected to teach undergraduate and postgraduate courses and supervise research students and projects.

3. Sustainable Infrastructure Management

Applicants should possess a Ph.D. degree in Civil Engineering, Construction Engineering and Management or a related field for the relevant post, with relevant experience in teaching and research.

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A strong background in sustainable infrastructure assessment method, technology and engineering addressing key infrastructures such as water, energy, geo, waste, transport, housing for exemplar infrastructure sustainability in Hong Kong, Greater Bay Area of China, and globally would be desirable. The appointee will be expected to teach undergraduate and postgraduate courses and supervise research students and projects.

4. Zero Carbon Building

Applicants should possess a Ph.D. degree in Civil Engineering, Construction Engineering and Management, Building Engineering, or a related field for the relevant post, with relevant experience in teaching and research. A strong background in life cycle carbon assessment; carbon pricing and trading; carbon neutrality strategy; planning, design and policy of zero carbon building and construction would be desirable. The appointee will be expected to teach undergraduate and postgraduate courses and supervise research students and projects.

5. Smart Mobility

Applicants should possess a Ph.D. degree in Civil Engineering or Transportation Engineering or a related field, with relevant experience in teaching and research. A strong background in connected and autonomous vehicles; shared mobility; travel behavior analysis; intelligent transportation system; sustainable transportation; or multimodal transportation system optimization would be desirable. The appointee will be expected to teach undergraduate and postgraduate courses and supervise research students and projects.

6. Water & Environmental Engineering

Applicants should possess a Ph.D. degree in Environmental Engineering or a related field, with relevant experience in teaching and research. A strong background in environmental engineering; low/zero carbon technology; sustainable infrastructure; environmental biotechnology/chemistry/materials; and/or environmental data science would be desirable. The appointee will be expected to teach undergraduate and postgraduate courses and supervise research students and projects.

7. Geotechnical Engineering

Applicants should possess a Ph.D. degree in Geotechnical Engineering or a related field, with relevant experience in teaching and research. A strong background in innovative and sustainable geotechnical engineering; deep foundation; maritime foundation engineering; underground space engineering; landslide modelling, monitoring and prevention would be desirable. The appointee will be expected to teach undergraduate and postgraduate courses and supervise research students and projects.

A highly competitive salary commensurate with qualifications and experience will be offered, in addition

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to annual leave and medical benefits. At current rates, salaries tax does not exceed 15% of gross income. The appointment will attract a contract-end gratuity and University contribution to a retirement benefits scheme, totalling up to 15% of basic salary. Housing benefits will be provided as applicable.

The University only accepts online application for the above posts. Applicants should apply online at the University's careers site (<https://jobs.hku.hk>) and upload an up-to-date C.V., a research statement and a teaching philosophy. Applicants are highly encouraged to submit their applications as soon as possible. Review of applications will start from March 2025 and continue until **June 30, 2025** or until the posts are filled, whichever is earlier.

The University is an equal opportunities employer and is committed to equality, ethics, inclusivity, diversity and transparency

Contact Information

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

Contact

Hong Kong