

Research Associate (Multidisciplinary, Civil Engineering)
Nanyang Technological University

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Posted Feb. 26, 2025, set to expire Jun. 28, 2025

Job Title	Research Associate (Multidisciplinary, Civil Engineering)
Department	School of Civil and Environmental Engineering
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Feb. 26, 2025
Application Deadline	Open untill filled
Position Start Date	Available Immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Civil Engineering
Apply Online Here	https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Associate--Multidisciplinary--Civil-Engineering-_R00019920

Apply By Email

Job Description

The School of Civil and Environmental Engineering (CEE) is a leading school for Sustainable Built Environment.

The School plays an integral role in spearheading tertiary education, advancing research innovations and providing professional services in a number of key disciplines in Civil and Environmental Engineering and Maritime Studies fields, with the objective of contributing to the technological and economic advancement of Singapore and beyond.

The School's mission in research is to achieve excellence by providing a conducive and intellectually stimulating environment to enable high quality work in strategic directions that are of significant impact

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to industry, science and technology.

For more details, please view <https://www.ntu.edu.sg/cee>

We are looking for a Research Associate to join a CITIES OF TOMORROW (CoT) R&D project for VERTICAL 5: CITY IN NATURE. The project plays a pivotal role in ensuring a resilient urban environment against climate change and contributes to NTU strategic research in Resilient Urbanisation & Natural Ecosystems that is aligned with Singapore's national Research, Innovation and Enterprise 2025 plan.

Key Responsibilities:

- Assist in field and laboratory tests
- Develop 3D models of trees
- Compile test data and maintain database
- Conduct analysis and numerical modelling
- Assist to prepare budgets, reports and papers

Job Requirements:

- Master's degree in Civil Engineering or related field
- Strong understanding of physics and proficiency in constructing 3D models
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Competent in knowledge of software like MSOffice, Python, 3DF Zephyr or equivalent

- Possess Class 3 driving license (Singapore) and ability to work both indoors and outdoors
- Experience working with local industry players and adaptability to field conditions
- Good written and oral communication skills for report writing
- Journal publication record

We regret to inform that only shortlisted candidates will be notified.

Contact Information

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

Contact

Singapore