

**Project Officer (Engineering solution to climate impacts)
Nanyang Technological University**

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Posted Nov. 26, 2024, set to expire May 6, 2025

Job Title	Project Officer (Engineering solution to climate impacts)
Department	School of Civil and Environmental Engineering
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Nov. 26, 2024
Application Deadline	Open untill filled
Position Start Date	Available Immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Ecological and Environmental Civil Engineering
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Job Description

The Climate Transformation Programme (CTP) aims to develop, inspire and accelerate knowledge-based solutions and educate future leaders to establish the stable climate and environment necessary for resilient, just, and sustainable Southeast Asian societies.

CTP will generate knowledge and innovation across disciplines including climate and Earth science, ecology, materials science, artificial intelligence, humanities, social sciences and the arts, finance, health, and engineering. It will also translate state-of-the-art scientific results into real world solutions for Singapore, and it will transfer these solutions to Southeast Asia (SEA) and beyond.

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As part of this programme, Research Cluster 4: Novel engineering solutions for climate impacts, will explore engineering solutions to adapt to sea-level rise and climate-constrained water resources. The CTP research programme is summarised here: <https://earthobservatory.sg/research/climate/climate-transformation-programme>>.

The Project Officer will be based in School of Civil and Environmental Engineering (CEE) and will be expected to work effectively for advancing the engineering solutions to mitigate the climate change impact which focus on new design concepts for seawalls and coastal defence systems. The position is expected to perform independent and collaborative research to meet the project objectives, to assist the management work of the project daily operation to facilitate the success of the project.

Key Responsibilities:

- Conduct research on laboratory experiments to test the performance of flexible seawall in flume test.
- Keep track of the latest related research developments
- Writing project progress reports
- Assist in the daily project operation management

Job Requirements:

- Bachelor in civil engineering, Coastal Engineering or related discipline
- Expertise in laboratory soil mechanics testing
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Knowledge in ground improvement, coastal erosion and management, hydrodynamics

- Publication track record is an advantage
- Proficiency in oral and written English - essential for data analysis and communication with stakeholders

Interested applicants are invited to submit a cover letter and full CV in one document. Enquiries about this position can be made to Dr. Wu Shifan (sfwu@ntu.edu.sg).

We regret 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