

Research Associate (Stormwater management under
future climate)
Nanyang Technological University

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Posted May 13, 2025, set to expire May 6, 2026

Job Title	Research Associate (Stormwater management under future climate)
Department	The Earth Observatory of Singapore
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	May 13, 2025
Application Deadline	Open untill filled
Position Start Date	Available Immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Environmental Sciences/Ecology/Forestry
Job Website	https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Associate--Stormwater-management-under-future-climate-_R00020707
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Apply By Email	
Job Description	

The Earth Observatory of Singapore (EOS) was created in 2008 with the mission to conduct fundamental research on earthquakes, volcanic eruptions, tsunamis and climate change in and around Southeast Asia, toward safer and more sustainable societies. The key objective is to support efforts as

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part of the Climate Transformation Programme, an interdisciplinary research initiative focused on developing, inspiring, and accelerating knowledge-based solutions to address climate change and its impacts in Southeast Asia.

For more details, please view <https://earthobservatory.sg/>.

We are looking for a Research Associate to conduct research on the monitoring and modelling of urban water management systems, with experience in Singapore and in the region. The role will focus on i) reviewing existing stormwater management guidelines and ii) informing new climate-resilient guidelines by conducting monitoring and modelling of several stormwater management systems in Singapore.

Key Responsibilities:

- Conducting a review of the peer-reviewed and grey literature on stormwater management guidelines
- Leading research on the optimization of existing guidelines under future climate conditions for Singapore, including the monitoring and modelling of several stormwater management systems in Singapore, preferably with open-source software

Job Requirements:

- Master's degree in Environmental Sciences or Engineering, or any related field.
- At least 4 years of relevant experiences in similar role / technical hands-on experience with hydrologic modelling of stormwater management systems in Southeast Asia (preferably Singapore)
- Familiarity with Singapore's Public Utility Board guidelines and regulations (experience with additional countries in Southeast Asia will be viewed favourably)
- As the position requires stakeholder engagement in English, candidate must have excellent

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written and oral communication skills in English.

- Proficiency in hydrologic modelling software (preferably open-source software such as SWMM)
- Demonstrated ability to lead research independently and work in interdisciplinary teams

We regret to inform you 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