

Research Fellow/ Research Associate/ Project Officer
(Geotechnical Engineering)
Nanyang Technological University

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Posted Jan. 24, 2025, set to expire May 26, 2025

Job Title	Research Fellow/ Research Associate/ Project Officer (Geotechnical Engineering)
Department	School of Civil and Environmental Engineering
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Jan. 24, 2025
Application Deadline	Open untill filled
Position Start Date	Available Immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Geotechnical Civil Engineering
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Job Description

Our team is seeking a Research Fellow/ Research Associate/ Project Officer with a strong background in civil and geotechnical engineering and expertise in soil mechanics testing. The role involves conducting triaxial tests, soil-water characteristic experiments, field instrumentation monitoring, data analysis, and preparing technical reports.

Key Responsibilities:

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Perform advanced soil testing, including the construction of soil-water characteristic curves and triaxial testing.

- Conduct field monitoring using advanced instrumentation to evaluate tree-root stability.
- Oversee scheduled field maintenance and site supervision.
- Analyze test results and contribute to technical report preparation.

Job Requirements

- Bachelor's or Master's or PhD degree in Civil Engineering specializing in Geotechnics or related field
- Strong academic and practical foundation in geotechnical engineering, with hands-on laboratory experience.
- Proficiency in working with electronic systems, particularly soil sensors, is preferred.
- Experience in experimental testing and field instrumentation.
- Ability to work effectively both independently and within a team.
- Having capability for data analysis and communication skills with stakeholders
- Familiarity with soil testing and instrumentation
- Good written and oral communication skills in English - essential for data analysis and

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communication with stakeholder

- Proficiency in soil testing and analytical skill.
- Good interpersonal skill
- Entry level candidates are welcome to apply

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