

Research Assistant (Isotope Geochemistry)
Nanyang Technological University

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Posted Jul. 3, 2025, set to expire May 6, 2026

Job Title	Research Assistant (Isotope Geochemistry)
Department	Earth Observatory of Singapore
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Jul. 3, 2025
Application Deadline	Open untill filled
Position Start Date	Available Immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Geology - Geochemistry Environmental Sciences/Ecology/Forestry
Job Website	https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Assistant--Isotope-Geochemistry-_R00021205
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Job Description	

The Earth Observatory of Singapore (EOS) is a University Research Institute at Nanyang Technological University Singapore that conducts fundamental research on earthquakes, volcanic eruptions, tsunamis, and climate change in and around Southeast Asia, towards safer and more sustainable societies. EOS maintains a regional network of geophysical observation stations in collaboration with neighboring countries in Southeast Asia, that are supported by the EOS Centre for

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Geohazard Observations, as well as a Remote Sensing Lab (EOS-RS). Computational resources are available through a dedicated cluster and collaboration with the High-Performance Computing Centre of NTU. In addition, EOS hosts state-of-the-art analytical facilities for petrological and geochemical analysis, and a Community Engagement office that co-creates learning opportunities for a range of audiences to promote a safer and more sustainable future.

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.

As part of this programme, Cluster 1: Climate Processes and Extremes will address key knowledge gaps in the understanding and modelling of the physical processes and impacts of climate change, with specific focus on Singapore and the equatorial SEA region.

The Research Assistant will be based in Earth Observatory of Singapore, Nanyang Technological University, Singapore, and will help conduct geochemical lab analyses, field survey, data synthesis and climate modeling for the project.

Key Responsibilities:

- Prepare samples and operate the analytical instruments in labs and fields.
- Do analytical data compilation and statistical analyses.
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Perform climate/weather model simulations, with preference on water isotope-enabled modeling.

- Assist with tasks related to research benchmarking as required by funding entity. This will involve research activities including, but not limited to, collecting data, coding tasks, research collation and assisting research collaborations.

Job Requirements:

- Bachelor of Science degree in (analytical and statistics) geochemistry, ecology, or related disciplines.
- Willing to conduct field work when necessary.
- Basic knowledge of environmental analysis and climatic sciences is preferred.
- Experience with statistical analysis and experience with climate modeling is preferred.
- Demonstrated ability to stay well organized, and high level of work efficiency.
- Ability to work both independently and cooperatively within a team.
- As position requires stakeholder engagement in English, candidate must have excellent written and oral communication skills in English.

Interested applicants should submit a CV and a statement of interest. Incomplete applications will not be considered.

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

EOS seeks a diverse and inclusive workforce and is committed to equality of opportunity. We welcome applications from all and recruit based on merit, regardless of age, race, gender, religion, marital status, family responsibilities, or disability.

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