

Research Assistant (Earth and Climate Sciences)  
Nanyang Technological University

Direct Link: <https://www.AcademicKeys.com/r?job=234485>

Downloaded On: Dec. 21, 2024 10:13am

Posted Apr. 11, 2024, set to expire Apr. 1, 2025

<b>Job Title</b>	Research Assistant (Earth and Climate Sciences)
<b>Department</b>	Earth Observatory of Singapore
<b>Institution</b>	Nanyang Technological University Singapore, , Singapore
<b>Date Posted</b>	Apr. 11, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available Immediately
<b>Job Categories</b>	Research Scientist/Associate
<b>Academic Field(s)</b>	Earth Sciences Chemistry - General Atmospheric Sciences Sciences - General Chemistry - Analytical
<b>Job Website</b>	<a href="https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Assistant--Earth-and-Climate-Sciences-_R00016756">https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Assistant--Earth-and-Climate-Sciences-_R00016756</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

A Research Assistant position is currently available in the Earth Observatory of Singapore (EOS).

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.

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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 and field survey for the project.

### Key Responsibilities:

- Process natural samples (e.g., rocks, sediments and water) through geochemical analyses.
- Operate the analytical instruments in labs and fields.
- Do analytical data compilation and statistical analyses.
- 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:

- Good B.Sc. degree in (analytical) chemistry, geochemistry, or related disciplines.
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Willing to conduct field work when necessary.

- Basic knowledge of environmental analysis and climatic sciences is preferred but not required.
- Experience with statistical analysis and common programming languages is preferred but not required.
- Excellent oral and written communication skills, well organized, and high work efficiency.
- Ability to work interpedently and as part of a team.

Interested applicants are invited to submit a cover letter, full CV, and a research statement in one document. Review of applications will begin on 15 May 2024.

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**

Earth Observatory of Singapore  
Nanyang Technological University  
Singapore