

## Research Fellow (Climate Science and AI) Nanyang Technological University

Direct Link: <https://www.AcademicKeys.com/r?job=253743>

Downloaded On: May. 8, 2025 4:27pm

Posted Feb. 26, 2025, set to expire Jun. 27, 2025

<b>Job Title</b>	Research Fellow (Climate Science and AI)
<b>Department</b>	Earth Observatory of Singapore (EOS)
<b>Institution</b>	Nanyang Technological University Singapore, , Singapore
<b>Date Posted</b>	Feb. 26, 2025
<b>Application Deadline</b>	Open untill filled
<b>Position Start Date</b>	Available Immediately
<b>Job Categories</b>	Research Scientist/Associate
<b>Academic Field(s)</b>	Atmospheric Sciences Computer/Information Sciences
<b>Apply Online Here</b>	<a href="https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Fellow--Climate-Science-and-AI-_R00019919">https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Fellow--Climate-Science-and-AI-_R00019919</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

The Earth Observatory of Singapore (EOS) is a University Research Institute at Nanyang Technological University that conducts fundamental research on earthquakes, volcanic eruptions, tsunamis, and climate change in and around Southeast Asia, towards safer and more sustainable societies. For more information on EOS please visit <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.

Assoc Prof Steve Yim's team is looking for a Research Fellow in Climate Science and AI to take charge of the newly awarded grant from CCRS. Successful candidates will manage the project and

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have a postdoc training in a relevant field of deep learning and public health.

### Key Responsibilities:

The successful candidate will help manage a funded research project on the **Development of High-Resolution Heat Stress Maps to Assess Urban Heat Island (UHI) Effect and Public Heat Risk in Singapore**. Key responsibilities include:

- Investigating datasets from **V3** and applying **machine learning techniques for hyperlocal downscaling** to assess heat stress across Singapore.
- Coordinating with project collaborators, including academic and government stakeholders, to ensure seamless research progress.
- Organizing and leading **workshops** to disseminate findings and engage with relevant communities.
- Communicating effectively with **funding agencies**, preparing progress reports, and ensuring compliance with funding requirements.
- Leading **manuscript drafting and publication efforts** to contribute to high-impact journals.
- Supporting related research initiatives within **Assoc Prof Steve Yim's research team**, contributing to broader projects in climate and environmental health.

### Job Requirements:

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A Ph.D. degree in atmospheric science/geography/meteorology/environment

- Strong data analysis skills
- Experience in development of spatial models especially land-use regression model
- Experience in machine learning for climate applications
- Ability to work collaboratively in an interdisciplinary environment.

Interested applicants should submit a CV, list of publications, research statement, diversity and inclusivity statement, and the names and contact information for three referees. For additional information please email [steve.yim@ntu.edu.sg](mailto:steve.yim@ntu.edu.sg). Applications will be reviewed on an ongoing basis.

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 that only shortlisted candidate will be notified.

### Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

### Contact

Singapore

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