Research Associate (Neonatal Health)
Nanyang Technological University

Job Title	Research Associate (Neonatal Health)
Department	Centre for Climate Change and Environmental Health
Institution	Nanyang Technological University
	Singapore, , Singapore
Date Posted	Dec. 5, 2025
Application Deadline	Open untill filled
Position Start Date	Available Immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Atmospheric Sciences
	Biology - Computational
	Biomedical Sciences
Job Website	https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Associate--Neonatal-Health-_R00022798
Apply Online Here	https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Associate--Neonatal-Health-_R00022798
Apply By Email	

Job Description

Centre for Climate Change and Environmental Health (CCEH) is a multidisciplinary research centre dedicated to understanding and mitigating the impacts of climate change on the environment and human health. The key objective is to investigate the driving mechanisms and develop effective solutions to safeguard ecosystem and human health in Southeast Asia. CCEH brings together leading

experts in climate science, environmental engineering, and public health to tackle the region's most pressing climate–health challenges through cutting-edge research, advanced modelling, and interdisciplinary collaboration. Through its integrative approach, CCEH aims to translate scientific insights into actionable strategies that promote sustainability, resilience, and well-being for current and future generations.

We are looking for a Research Associate to develop and apply advanced modelling and analytical frameworks to investigate the impacts of air pollution and heat on neonatal and perinatal health. The role will focus on integrating environmental monitoring data with exposure assessment models and quantifying potential human exposure under different environmental and policy scenarios. The role also involves assessing associated health risks, preparing reports for stakeholders, and publishing findings in peer-reviewed international journals.

Key Responsibilities:

- To develop epidemiological models to investigate the association between environmental factors and neonatal and perinatal health outcomes.

- To integrate environmental monitoring and laboratory datasets with exposure and risk assessment frameworks.

- To analyze and interpret model outputs to provide evidence-based insights for environmental health and policy.

Job Requirements:

- Master's degree in atmospheric science/geography/meteorology/environmental health or related field

- Good written and oral communication skills

-

Proficiency in Python/R

- Candidates with recent publications in relevant areas within the past 5 years are advantageous

- Entry level candidates are welcome to apply

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

Singapore