

Research Assistant/Research Associate/Research Fellow
(Entomology/Forest Ecology)
Nanyang Technological University

Direct Link: <https://www.AcademicKeys.com/r?job=254949>

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Posted Mar. 27, 2025, set to expire Jul. 27, 2025

Job Title	Research Assistant/Research Associate/Research Fellow (Entomology/Forest Ecology)
Department	Asian School of the Environment
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Mar. 27, 2025
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Forest Ecology & Management Entomology
Job Website	https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Assistant-Research-Associate-Research-Fellow--Entomology-Forest-Ecology-_R00020223

Apply By Email

Job Description

The Asian School of the Environment (ASE) at Nanyang Technological University is an interdisciplinary school that aims to be a world leader in environmental research focused on Asian environmental challenges. The ASE integrates earth and environmental life science, ecology, engineering and technology, human ecology, humanities, and the social sciences to address key issues of the environment and sustainability.

For more details, please view <https://www.ntu.edu.sg/ase>.

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We are hiring a research assistant/associate/fellow to perform (1) DNA barcoding (2) photographing (3) stable isotope analysis of invertebrate specimens (4) stable isotope analysis of leaf litter and soil samples. Findings of the study will improve our understanding of nutrient cycling processes in urban parks and forests, while also contributing to invertebrate biodiversity conservation. The RA would be based mainly in the lab but may be required to conduct occasional field work as well.

Key Responsibilities:

- Perform DNA barcoding on collected litter invertebrate specimens (mites, isopods, springtails, etc.)
- Photograph and curate litter invertebrate specimens
- Perform stable isotope analysis on litter invertebrate specimens, and leaf litter and soil samples
- Assist in procuring project logistics and other project administrative duties
- Train students and ensure the safe conduct of student research projects

Job Requirements:

- Candidate should hold minimally a Bachelor degree in biology, entomology, zoology, ecology, environmental science, or equivalent
- Candidate should possess basic entomological skills, such as using a stereomicroscope, insect identification, etc.
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Candidate should possess basic molecular taxonomy skills, such as DNA extraction, PCR, running gels, bioinformatics, etc.

- Candidate must be organized and meticulous to curate large amounts of specimens and data
- Candidate must be an independent worker
- Prior experience with stable isotope analyses and stack photography is advantageous, but not a requirement for application

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

Asian School of the Environment
Nanyang Technological University
Singapore