

**Research Associate (Waste Management)  
Nanyang Technological University**

Direct Link: <https://www.AcademicKeys.com/r?job=234219>

Downloaded On: Nov. 22, 2024 12:14am

Posted Apr. 5, 2024, set to expire Apr. 1, 2025

<b>Job Title</b>	Research Associate (Waste Management)
<b>Department</b>	School of Materials Science & Engineering
<b>Institution</b>	Nanyang Technological University Singapore, , Singapore
<b>Date Posted</b>	Apr. 5, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available Immediately
<b>Job Categories</b>	Professional Staff
<b>Academic Field(s)</b>	Chemical/Petroleum
<b>Job Website</b>	<a href="https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Associate--Waste-Management-_R00016693">https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Associate--Waste-Management-_R00016693</a>
<b>Apply Online Here</b>	<a href="https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Associate--Waste-Management-_R00016693">https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Associate--Waste-Management-_R00016693</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

The School of Materials Science and Engineering is looking for highly motivated and experienced candidate to join us as a Research Associate. The candidate shall support the research program Principal Investigator in managing and driving the research activities with special emphasis on developing technologies to remediate and/or transform industrial sludge into value-added products.

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**Key Responsibilities:**

- Design and conduct research experiments focusing on the conversion of industrial sludge into safe, nutrient-rich agricultural products.
- Develop and optimize processes for the extraction of valuable components from industrial sludge.
- Collaborate with cross-functional teams to evaluate the agronomic effectiveness of the developed products.
- Ensure compliance with environmental regulations and standards throughout the research and development process.
- Analyze data, prepare detailed reports, and present findings to stakeholders and at relevant conferences.
- Stay abreast of industry trends, technologies, and regulations related to waste conversion and sustainable agriculture.

**Job Requirements:**

- Master's in Chemistry, Materials Science, Environmental Science, Agronomy, or a related field.
- Proven experience in research and development, particularly in waste conversion, hydrometallurgy, or agricultural product development.
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Strong understanding of chemical analysis techniques and laboratory safety protocols.

- Excellent analytical, problem-solving, and project management skills.
- Ability to work collaboratively in a team environment and communicate effectively with diverse groups.
- Commitment to sustainability and environmental stewardship.

We regret 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