



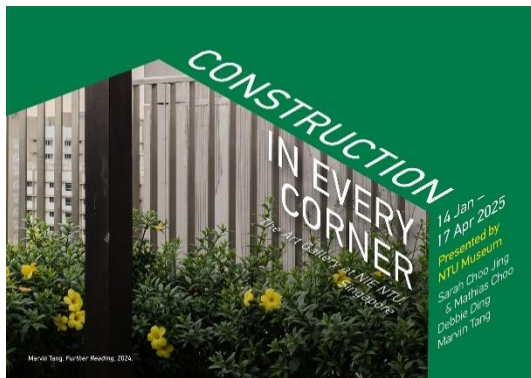
CAMPUS HAPPENINGS



NTU ESG Sustainability Report 2024

[NTU Sustainability Office](#) is pleased to share the NTU Environment, Social, Governance (ESG) Sustainability Report 2024. The report provides an overview of the various ESG sustainability initiatives, innovations, and achievements by our OneNTU Community. We invite you to explore and discover the collective efforts that have contributed to making a positive and lasting impact on NTU's sustainability journey.

Click [HERE](#) to find out more.



Construction In Every Corner presented by NTU Museum

Check out this new exhibition titled Construction In Every Corner from 14 Jan to 17 Apr 2025 at The Art Gallery at NIE. This exhibition features NTU-trained artists Marvin Tang, Debbie Ding, Sarah Choo Jing, and Mathias Choo, who explore the experience of existing amidst perpetual construction on campus. Through installations featuring photography, video, construction hoarding, virtual reality, and drawing, the artists question whether a singular view of urban life can exist and ponder the significance of urban redevelopment on individuals and communities.

Click [HERE](#) for more details.



Building Breathable Cities: Bio-Centric Urban Design, *Climate Transformation: Sustainable Societies* Lecture Series

Singapore faces urban environmental challenges such as the urban heat island effect and air pollution, which are worsened by rising temperatures and urbanisation. Join the lecture at the NTU Centre for Contemporary Art Singapore, located at Gillman Barracks on 18 Feb 2025, 6:30–8:30 PM, to explore how landscape design—such as rewilding and the Rail Corridor—can improve air quality, drawing from the fields of integrated architecture, urban sustainability, and public health. This lecture series is under the Climate Transformation Programme (CTP) funded by the Ministry of Education (MOE).

Click [HERE](#) to register.

RESEARCH HIGHLIGHTS



Joint research with India to advance sustainable energy

NTU Singapore, India's Energy Department of the Government of Odisha, and Indian Institute of Technology Bhubaneswar are collaborating to develop new technologies in renewable energy, hydrogen production, energy storage systems, and microgrids. A Memorandum of Understanding was inked in Odisha, India, during Singapore's President Tharman Shanmugaratnam's official visit to India. The collaboration aims to drive innovation in renewable energy technologies by focusing on advancements in solar, wind, hydro, and waste-to-energy systems.

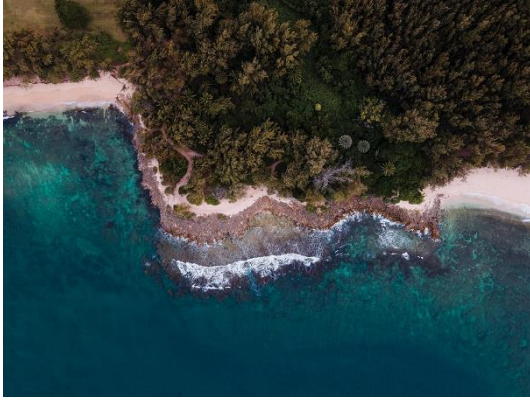
Click [HERE](#) for more details.



Reducing carbon emissions from waste disposal

Disposing solid waste by incineration produces carbon dioxide that contributes to greenhouse gas emissions. NTU researchers constructed a model which found that integrating waste-derived fuels and calcium sources can lower the cost of calcium looping, a carbon-capture technology. Incentives such as carbon credits and taxation that incentivise negative emissions can also make calcium looping more economically viable.

Click [HERE](#) for more details.



Strengthening critical infrastructure below ground and by the sea

To address urban challenges from land and resource limitations due to population growth, researchers from NTU's [School of Civil and Environmental Engineering](#) are developing space below ground and protecting coastal regions. These projects include new digital platforms to reduce costs and enhance safety in underground construction, and green building materials to stabilise shorelines and adapt to rising sea levels.

Click [HERE](#) for more details.

OTHER EVENTS



SG Eco Fund by Ministry of Sustainability and the Environment

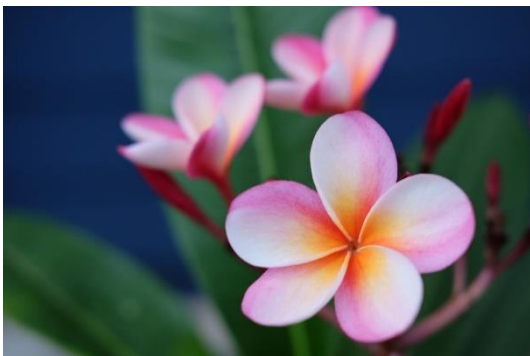
Do you have a sustainability-related idea but need resources to kickstart your idea? Apply for the SG Eco Fund by the [Ministry of Sustainability and the Environment \(MSE\)](#), which supports community-driven projects by funding up to 80% of supported costs. The SG Eco Fund is open to individuals and Singapore-registered organisations.

Submission Deadline:

Sprout category (Up to \$30,000) – All year round

Main category (more than \$30,000) – 1 May till 31 August

Submission Details: Click [HERE](#) for more details



Lunar New Year Activities at Chinese Garden

Event Date: 18 Jan 2025-12 Feb 2025, 9:00AM-12:00pm

Details: Click [HERE](#) for more details

Celebrate the Year of the Snake at the Chinese Garden, Jurong Lake Gardens! From 24 Jan to 12 Feb, stroll through the festive decorations with your loved ones at the Twin Pagodas, Stone Boat, Tea Pavilion, and Entrance Arch. You can also enjoy the evening light display at the Cloud Pagoda.

YOU CAN GO GREEN TOO!

Energy Saving Tip



Switch off lights and devices at the power socket when not in use—help to reduce energy!

Carbon Footprint Calculator



Click [HERE](#) to track your carbon footprint and find out how to reduce it.

STAY IN TOUCH WITH US



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Feb 2025