



CAMPUS HAPPENINGS



New research centre tackles climate change health risks in the tropics

NTU Singapore has launched the Centre for Climate Change and Environmental Health (CCEH), a new interdisciplinary research centre focused on climate change and environmental health in the tropics. Officially launched by Dr Amy Khor, Senior Minister of State for Sustainability and the Environment, the centre will focus on the health impact of climate change under three key pillars: air quality, extreme heat, and water supply and quality.

Click [HERE](#) for more details.



Design Earth: Speculative Fiction for the Climate

Explore **Design Earth: Speculative Fiction for the Climate** exhibition at NTU ADM Gallery 2 from 28 April to 13 June 2025. Co-organised by [NTU Centre for Contemporary Art](#) and [ADM Gallery](#), the exhibition features DESIGN EARTH's speculative architectural works that address the climate crisis. Through drawings and books, including *Geostories* (2018) and *The Planet After Geoengineering* (2021), the exhibition invites visitors to reimagine how we care for and tell the stories of the Earth.

Click [HERE](#) for more details.

RESEARCH HIGHLIGHTS



Solar-powered tech turns sewage sludge into green hydrogen and animal feed

NTU Singapore scientists have developed a three-step solar-powered method to convert sewage sludge into green hydrogen for clean energy and single-cell protein for animal feed. Published in *Nature Water*, the method tackles two global challenges: managing waste and generating sustainable resources. Proof-of-concept tests revealed that the new method is more efficient than conventional techniques, recovers significantly more resources, completely removes heavy metal contaminants, has a smaller environmental footprint, and offers better economic feasibility.

Click [HERE](#) for more details.



NTU's 3D printed cube part of Singapore-Japan world's deepest ocean art installation

Singapore is the first country to place an art installation 7,000 metres underwater, near the Mariana Trench. A tribute to all those impacted by natural disasters, the artwork, comprises of three metal cubes designed by Singaporean artist Ms Lakshmi Mohanbabu and installed by NuStar Technologies. They were deployed as part of a specially designed early warning seismic sensor for undersea earthquakes, in collaboration with Japan's Agency for Marine-Earth Science and Technology (JAMSTEC). One of the cubes was made using a new hybrid manufacturing process developed by NTU Singapore.

Click [HERE](#) for more details.



A 'fungi tile' with an elephant skin texture to cool buildings

NTU Singapore scientists, in collaboration with local ecology and biomimicry design firm bioSEA, have developed 'fungi tiles' made from mycelium and bamboo shavings that could be used to cool down buildings without consuming energy. Lab experiments have proven the tile's ability to regulate heat effectively. Following this proof of concept, the scientists will now scale up production of these tiles and test them on building facades.

Click [HERE](#) for more details.

OTHER EVENTS

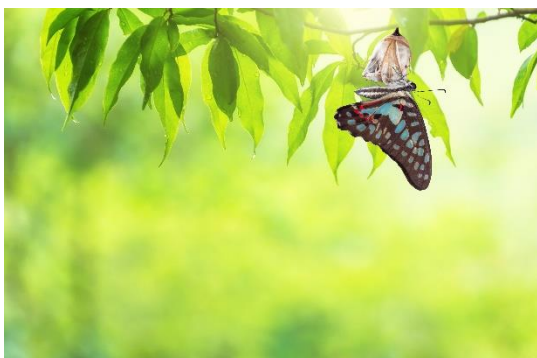


GDO Gardening Series - Companion Planting for a Sustainable Organic Garden

Event Date: 17 May 2025, 1:00PM- 01:45PM

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

Organised by NParks, this talk introduces companion planting—pairing plants to naturally deter pests, boost pollination, improve soil health, and increase yields. Learn its history and get practical tips on effective plant combinations for your garden.



SYNC Biodiversity Collage Workshop & Quality of Life x Go Green SG

Event Date: 22 May 2025, 6:30PM-9:30PM

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

Join The Transmutation Principle for a free sustainability workshop on 22 May, 6.30–9.30pm at The Sustainability Academy. The workshop will feature an opening by Esther An, Chief Sustainability Officer of CDL and a hands-on Biodiversity Collage session, with insights from Conservation International's Mr Saravanan Sinniah. This event is part of SYNC which is a five-part social impact series that is supported by the SG Eco Fund.



Ethnobotany and Diversity of Dipterocarps

Event Date: 25 Jan-27 Nov 2025, 9:00AM – 6:00 PM

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

Discover the world of dipterocarps at the Centre for Ethnobotany (Level 2), now until 27 Nov 2025, 9am–6pm daily (closed last Wed of each month). Learn about these towering tropical trees, their ecological value, traditional uses, and conservation at the Singapore Botanic Gardens.

YOU CAN GO GREEN TOO!

Resource Saving Tip



Bring your own bottles, reusable bags, utensils and lunch boxes – make a difference today!

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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May 2025