



CAMPUS HAPPENINGS



President Prof Ho Teck Hua participated in the 2023 APRU APM as a panel speaker on the role of education and sustainability

President Prof Ho Teck Hua represented NTU Singapore and participated in a panel discussion titled “Educating Future Generations for Planet Thought Leadership” at the [APRU-Association of Pacific Rim Universities](#) 27th Annual Presidents’ Meeting. The event themed “From Invention to Implementation – Solutions for a Sustainable Future”, was held in Hong Kong from 25-27 June 2023 whereby academic leaders worldwide come together to consider the role and responsibility of universities in education and research around sustainability. Drawing from his experience, Prof Ho shared his insights on how universities, including NTU, can empower students to drive positive change in the world by equipping them with the right mindset, knowledge, and skills.

Click [HERE](#) for more details.



“Our World to Change” documentary series on CNA featuring NTU Singapore’s sustainability efforts

A new documentary series titled "Our World to Change", featuring the university's sustainability efforts, has been launched by NTU Singapore in collaboration with Mediacorp. The three-part CNA series premiered on 20th July 2023 and showcased how NTU is using its expertise across various disciplines to combat climate change while driving sustainable behaviour change in education, research, innovation, and community engagement. Catch the "Our World to Change" series on 20th July, 27th July, and 3rd August at 7.30pm/11.30pm on [CNA](#).

Click [HERE](#) for more details.



Change4Impact! Invitation to feedback on Green Nudge Signage pilot in the Arc and Hive

Change4Impact! Simple acts like switching off unused lights and appliances can save energy. A Green Nudge User Behaviour signage initiative, led by [NTU Sustainability Office](#) and supported by Office of Development and Facilities Management, was piloted in the Arc and Hive. Visual stickers were installed on doors and switches to prompt occupants to switch off lights before they leave. Selected staircases were adorned with positive messages to encourage people to skip the elevator and burn calories instead of electricity. 50 respondents will stand a chance to win prizes (lucky draw). To participate, share your feedback by 30 September.

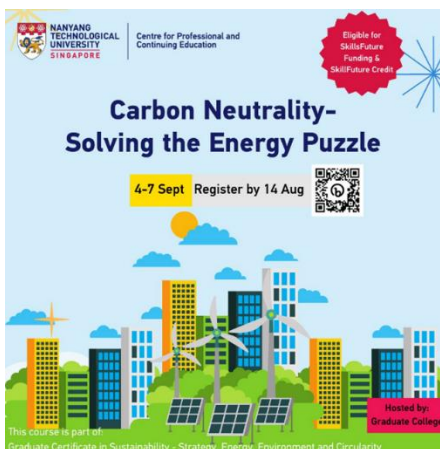
Click [HERE](#) for more details.



Gaia Tour and Learning Journey for MND Family Green Group

NTU hosted Ministry of National Development (MND) Family Green Group on 7 July 2023 for a tour of Gaia - Asia's largest wooden building and NTU's eighth zero-energy building. The learning journey was led by NTU Sustainability Office and supported by Office of Development and Facilities Management (ODFM) and Nanyang Business School (NBS). Mr. Tan Swee Yong, Principal Architect & Director, Projects, ODFM, led a technical presentation on Gaia's Mass Engineered Timber construction and Passive Displacement Ventilation system. Our guests enjoyed an engaging tour of Gaia, underscored by an exchange of knowledge and expertise with ODFM and NBS Building & Facilities Management.

EDUCATION



Graduate Certificate Program: Carbon Neutrality-Solving the Energy Puzzle Course

[Graduate College at NTU](#) has an upcoming sustainability course titled "Carbon Neutrality-Solving the Energy Puzzle". This course is part of the Graduate Certificate in Sustainability — Strategy, Energy, Environment, and Circularity and will commence from 4-7 Sept 2023. The aim is to have a deeper discussion of Carbon Neutrality which is a world issue as the rise of sea level and major climate changes may have dramatic human, social and economic consequences, globally. Current and aspiring professionals from any sector interested in promoting sustainability initiatives and seeking to acquire skills in the green sector, are welcome to attend. Please register by 14 Aug.

Click [HERE](#) for more details.

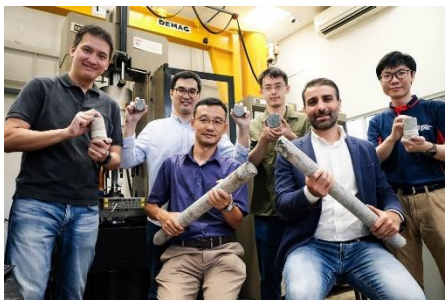


Driving Sustainability in Green Technology – Sustainability Leadership in Real Estate Sector

The Sustainability Connect (SC), a collaborative effort between the Singapore Sustainability Academy (SSA) and the Global Green Connect Academy, in partnership with [PaCE@NTU](#), the Centre for Professional and Continuing Education, is launching a sustainability course called "Driving Sustainability in Green Technology – Sustainability Leadership in the Real Estate Sector." This course will commence on 16th August and will focus on sustainability in green technology, providing professionals with the necessary skills to seize career opportunities in the green sector, specifically within the real estate industry. The course is suitable for individuals involved in real estate, corporations, and professionals who are embracing the global trend towards decarbonization and aiming for a Net Zero target.

Click [HERE](#) for more details.

RESEARCH HIGHLIGHTS



Geothermal energy potential found in Singapore

A team of researchers from [Energy Research Institute @ NTU](#) and TUMCREATE, in collaboration with Surbana Jurong, have found that Singapore may have geothermal energy potential that can be a consistent source of clean energy. The team drilled a slim hole 1.1 kilometres below the ground at Admiralty Lane, near the Sembawang hot spring. From the collected samples and data extrapolation, the team has found that the geothermal site at Admiralty Lane could have a temperature of some 200 degrees Celsius at depths of four to five kilometres and deeper. Such high temperatures can be harnessed for district cooling, electricity, and hydrogen generation.

Click [HERE](#) for more details.



New reference station to monitor changes in land height and sea levels using satellite technology

NTU Singapore has launched the first of four new Global Navigation Satellite System (GNSS) reference stations to monitor land height and sea-level changes in Singapore. Led by [Earth Observatory of Singapore \(EOS\)](#), the first GNSS station is located at Lazarus island, and is part of a four-year partnership with Singapore Land Authority (SLA). Data collected by the station will be sent back to EOS, for researchers to analyse and produce more accurate estimates of sea-level in Singapore.

Click [HERE](#) for more details.

OTHER EVENTS

PROTOTYPES FOR HUMANITY



Call for projects to be showcased in international exhibition at COP28 in Dubai

Application deadline: 6 August 2023

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

Call for students and recent graduates from universities worldwide to showcase your project at [COP28](#) in Dubai this December. Participation is free and there will be \$100,000 in prizes to leading students and professors whose research addresses the key COP28 themes, across 5 categories:

- Nature, Food, and Water systems
- Health, Relief and Safety
- Energy, Efficiency and Waste
- Education, Equality and Communities
- Data science and AI-enabled solutions (across all themes above)



Waves of Change Festival 2023

Event Date: 5-27 August 2023, 10:00am-7:00pm

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

The 'Waves of Change Festival' is a series of events organised by Coastal Natives and Artwave Studio, to raise ocean awareness and explore opportunities for change. This year's event will be held at ArtScience Museum from 5th to 27th August and features thought provoking conservation art, as well as a selection of films and talks by experts in their field. Join in to learn about marine life conservation and hear from inspiring youths.



Learning Forest Tour

Event Date: 26 August 2023, 09:00AM-10:00AM

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

The Learning Forest features a network of boardwalks and elevated walkways that allow visitors to explore natural habitats. Join in the Learning Forest Tour to learn more about freshwater forest wetland ecosystems at the Keppel Discovery Wetlands and take a walk amongst a collection of some of the tallest tree species in Southeast Asia at the SPH Walk of Giants.

YOU CAN GO GREEN TOO!

[Singapore's Sustainability Journey](#)

[Carbon Footprint Calculator by SPGroup](#)



Click [HERE](#) to find about Singapore's various sustainability initiatives from 1972 till now.



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

STAY IN TOUCH WITH US



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Aug 2023