



CAMPUS HAPPENINGS



RE@NTU - A.I and Energy Sustainability Workshop series (open to NTU Students)

Are rising energy costs affecting you? Concerned about the future of Energy Sustainability and interested to engage with like-minded participants? Curious how AI and technology can help? Join in the sustainability workshop series by the NTU Sustainability Office and learn tips on how you can decarbonise and save money at the same time! Compete with fellow participants in a friendly workshop quiz and win prizes!

Important: Bring your own smartphone charger and cable.

Dates: 25 Jan (Wed) or 1 Feb (Wed)

Time: 7.00pm – 8.00pm

Venue: ShaRE @ Saraca Hall

Register [HERE!](#)

Dates: 8 Feb (Wed)

Time: 7.00pm – 8.00pm

Venue: ShaRE @ Saraca Hall

Register [HERE!](#)



Bring Your Own Campaign (BYOC) on Campus

Did you know you can enjoy discounts and other treats when you bring your own container or cup for takeaway? Download the susGain app and redeem points when you Bring Your Own container at various locations in campus! Also stand a chance to win attractive prizes! Visit the physical booth on 8 Feb 2023, 11am-3pm to find out more and get a free ice cream!

Click [HERE](#) for more details.



Volunteer for sustainability initiatives as part of NTU Service Week 2023

The annual [NTU Service Week](#) aims to bring the OneNTU community together to do good for the progress of society and will take place from 25 February to 4 March 2023. As part of the NTU Service Week, several sustainability initiatives are launched which includes the following:

- Food Donation Drive: Say No to Food Waste
- Plastics Recycling Bear at the Earth Observatory of Singapore
- Pick up Litter for a Good Cause
- Beach Clean-Up
- NTUAC x Greensquare Textile Recycling Drive

Start your volunteering journey by taking part in these initiatives! Download the Zeles app on the [App Store](#) (iOS) or the [Google Play Store](#) (Android) to sign up as volunteer and view the full list of NTU Service Week initiatives.

Click [HERE](#) for more details.

RESEARCH HIGHLIGHTS



Livent-NTU partnership to accelerate innovation in sustainable lithium battery technology

Livent Corporation and NTU Singapore will be collaborating in a joint research project to power innovation in sustainable lithium battery technologies. The joint project will be led by Prof Madhavi Srinivasan, Executive Director of [Energy Research Institute at NTU \(ERI@N\)](#) and Co-Director of [NTU-Singapore CEA Alliance for Research in Circular Economy \(SCARCE\)](#), a centre for excellence in innovative solutions for recycling and recovering valuable elements from e-waste. She is also the Executive Director of the Sustainability Office which oversees and integrates sustainability initiatives across the University.

Click [HERE](#) for more details.



Developing greener solutions to tackle ocean pollution

NTU Singapore scientists are studying the impact of plastic waste and working on various methods to combat it through research and innovation. Assoc Prof Grezgorz Lisak and Dr Andrei Veskha from the [Nanyang Environment and Water Research Institute \(NEWRI\)](#) have developed a method to turn marine plastic into products such as hydrogen and carbon nanotubes and have since founded a start-up named Nanomatics. Assoc Prof Federico Lauro from [NTU's Asian School of Environment](#) is currently embarking on a large multinational study to look at microplastics and the role of microbes in the degradation process. To combat further plastic waste, Prof William Chen from the [Food Science and Technology Programme](#) and his team are working on cost-effective ways to turn food waste into eco-friendly bioplastics through carbon-neutral processes.

Click [HERE](#) for more details.



Renewable Energy Integration Demonstrator-Singapore (REIDS) research test-bed to help develop smarter and more resilient energy grids

The Renewable Energy Integration Demonstrator-Singapore (REIDS) test-bed at Semakau Landfill, which consists of solar panels and a wind turbine that generate electricity through a system of interconnected grids, is one of the largest in South-east Asia. Led by the [Energy Research Institute at NTU \(ERI@N\)](#), it tests how different renewable sources can work with energy storage systems such as batteries and hydrogen fuel cells which can help engineers design smarter and more resilient energy grids for the future.

Click [HERE](#) for more details.

OTHER EVENTS



Gardener's Day Out – Edibles Discovery Tour

Event Date & Time: 18 Feb 2023, 09:00AM - 10:00AM

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

Interested to learn more about various edibles and grow your own food? Join the Edibles Discovery Tour at Hortpark organised by NParks to learn about various edibles that can be grown in your backyard and balcony spaces as well as sustainable gardening practices.



Terrarium as Diorama: Our Garden Narratives Art Installation

Event Date & Time: Now till 26 Feb 2023, 05:00AM - 23:30PM

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

Find out how sustainability can be presented in the form of art. Vertical Submarine, a collective group of Singapore artists, in collaboration with professional gardener and NParks' Community in Bloom ambassador Hamzah Osman, presents an art installation which uses upcycled materials to create a variety of terrariums that reflects elements from iconic landmarks around the Singapore Botanic Gardens. The art installation aims to signify the importance of protecting and conserving our nature and heritage.



"Climate Changed" Exhibition at Science Centre Singapore

Event Date & Time: Ongoing

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

Visit the new Climate Changed exhibition at Science Centre Singapore to learn more about climate change and how you can do your part to take urgent action to stem climate change and its

impacts. Supported by the Ministry of Sustainability and the Environment, the exhibition features a Climate Action Show and an interactive game, Guilt Trip.

YOU CAN GO GREEN TOO!

Singapore's Sustainability Journey



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

Carbon Footprint Calculator by SPGroup



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

STAY IN TOUCH WITH US



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