



## PRESIDENT'S MESSAGE

"Sustainability is one of the major challenges facing humanity. As a globally recognised academic institution that excels in creating new knowledge and talent pool, educating future leaders, and serving local and global industry and society, NTU has an obligation, and indeed an opportunity, to nurture and promote sustainability in all its activities.

In October 2021, NTU unveiled a bold and ambitious [Sustainability Manifesto](#) to accelerate and execute our commitment to sustainability with a long-term action plan for the next 15 years. The NTU Sustainability Office was established to realise this ambition and to coordinate our efforts across academic and administrative functions, and among colleges and schools.

This newsletter is launched to foster greater awareness of NTU's sustainability efforts across our broad spectrum of portfolios spanning education, research, innovation, and smart campus initiatives. I am confident that every member of the OneNTU community will play an important role in advancing NTU's sustainability goals and in helping to ensure a sustainable and prosperous future for all. Sustainability is our responsibility and our priority."



*Professor Subra Suresh  
NTU President*

## WHO WE ARE



The [NTU Sustainability Office](#) envisions to build a sustainable future by strengthening and integrating sustainability efforts across the areas of research, education, community engagement and smart campus initiatives.

NTU's [Sustainability Goals](#):

- ▶ 50% reduction in net energy, waste & water consumption by March 2026 compared to 2011 baseline levels
- ▶ Carbon Neutrality by 2035
- ▶ 100% Green Mark Building Certification
- ▶ New UG, PG and CET sustainability options
- ▶ Partnerships with industries & agencies towards sustainability
- ▶ Community engagement in sustainability
- ▶ Undertake clean energy vehicle development projects on & off campus

## CAMPUS HAPPENINGS



### E-waste Recycling Bin on Campus

Did you know you can recycle your broken earphones at the E-waste bin on campus? Do your part in reducing electronic waste by recycling used laptops, phones, batteries at the E-waste bins on campus, one of which is located outside Block N1– School of Civil & Environmental Engineering, level 1.

Click [HERE](#) for more details.



### Climate Chat – How Can You Start Taking Climate Action?

In conjunction with the Climate Action Week, [NTU Earth Observatory of Singapore \(EOS\)](#) has come up with a short video with Science Centre Singapore about one of the exhibits at Earth Alive. Watch the video to find out how you can help curb climate change.

Click [HERE](#) for more details.



### NTreeU – OneMillionTreesSG

As part of NParks' One Million Trees movement, [Earthlink's](#) NTreeU team organized a pilot planting event along Nanyang Avenue on 20 August 2022. The event was a huge success, with over 100 participants including Minister for National Development Mr Desmond Lee and NTU governance such as Chair of the Board of Trustees Ms Goh Swee Chen, Deputy President and Provost Prof Ling San. All members of the NTU community worked together to create a Campus in Nature.

Click [HERE](#) for more details.

## RESEARCH HIGHLIGHTS



### New RGE-NTU Sustainability Textile Research Centre

Weaving new trends for sustainability is the newly launched RGE-NTU Sustainable Textile Research Centre (SusTex), jointly established by NTU and Royal Golden Eagle International (RGE). RGE-NTU SusTex, opened by Minister for Sustainability and the Environment Ms Grace Fu, is set up to accelerate innovation in textile recycling and translate research outcomes into practical solutions that can be deployed in urban settings like Singapore.

Click [HERE](#) for more details.

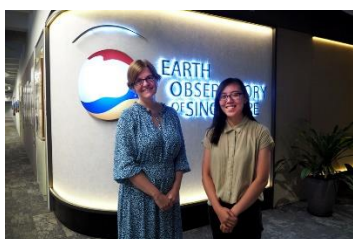


### Potential solution to urban farming – Growing salad out of human hair

NTU Singapore researchers have newly created hydroponics substrate used as a growth medium in urban farming using keratin extracted from human hair. The substrate is biodegradable and eco-friendly which becomes a source of nutrient for the vegetables when it degrades.

Click [HERE](#) for more details.

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### Rapid land sinking of coastal cities could worsen impact of sea level rise

Team of researchers from NTU Singapore, University of Mexico, ETH Zürich, and NASA's Jet Propulsion Lab managed by the California Institute of Technology, have processed satellite images of coastal cities worldwide and found that large amounts of their land has been sinking making them vulnerable to sea level rise. Increase in industrial processes such as constriction and extraction of natural resources may be contributing to this vulnerability.

Click [HERE](#) for more details.

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## OTHER EVENTS



### Singapore International Energy Week (SIEW) 2022

Event Date & Time: 25 Oct – 28 Oct 2022

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

Learn more from world's energy thought leaders as they share insights at SIEW 2022. Organised by the Energy Market Authority of Singapore, this year's theme is "A Resilient and Sustainable Energy Future". SIEW provides a platform to share and collaborate on potential opportunities within the global energy space.

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### DBS Foundation X NEA Hungry for Change Challenge

Event Date & Time: Submissions open till 31 Oct 2022

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

Hungry to build a better future for Singapore? National Environmental Agency (NEA) and DBS have jointly launched a nationwide programme that challenges youths hungry for change to tackle Singapore's food waste problems. Here's your chance to turn your ideas into reality with opportunities for funding up to SGD 25,000 per pilot project.

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## Biodiversity Tour at Jurong Lake Gardens by Nparks

**Event Date & Time:** 22 Oct 2022, 08:00AM-09:00AM

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

Register for Npark's free guided tour around Jurong Lake Gardens and learn more on the flora and fauna species there. Breathe in the fresh air and appreciate Singapore's nature.

## YOU CAN GO GREEN TOO!



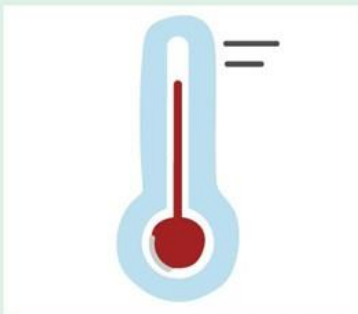
Remember to switch off the lights when not in use. Also do unplug the charger once your laptops and other electronic devices are fully charged.



Reduce the use of plastic by bringing your own reusable bags, utensils and lunch boxes. Join in the Bring Your Own (BYO) Campaign on campus!



Instead of driving, reduce carbon footprint by walking, riding a bicycle or taking public transport. Small collective actions make a big difference!



Set the temperature around 25°C which is helpful in cost savings and also staying comfortable indoors.



Leftover water from water bottles can be used to water plants on campus. Help plants grow green!



Do your part in recycling by disposing recyclables at the respective recycling bins on campus.

### STAY IN TOUCH WITH US



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If you no longer wish to be on our mailing list, please write to us at [ED-SO@ntu.edu.sg](mailto:ED-SO@ntu.edu.sg)  
OCT 2022