



HEAR FROM ENVIRONMENTAL ENTHUSIASTS

Hi, I'm Elijah, one of the founding co-chairs of NTreeU – Earthlink's campus greening committee!

NTreeU's vision for a greener NTU was initiated by our seniors, who campaigned for increased tree planting to mitigate surrounding ongoing forest clearance. Since our establishment in 2022, NTreeU has planted over 200 trees, including 70 at Learning Vision NTU! This year, we will continue to advocate for a Campus in Nature by planting more biodiversity-supporting and shade-providing trees.

Check out our efforts on Instagram @[earthlinkntu](https://www.instagram.com/earthlinkntu)!



*Elijah Goh
Founding Co-Chair,
NTreeU*

CAMPUS HAPPENINGS



NTU Sustainability Report 2023

[NTU Sustainability Office](#) is pleased to share the NTU Sustainability Report 2023. The report provides an overview of the various 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.

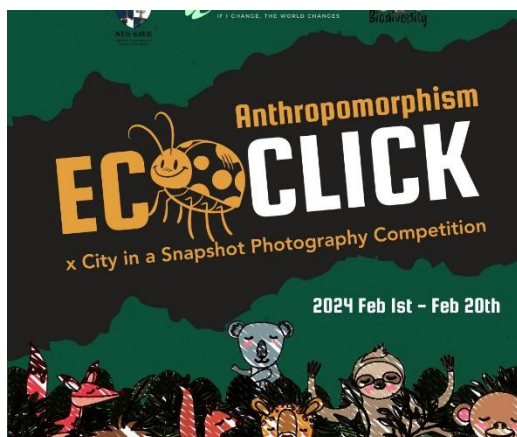


Plastics on Campus Survey

Embark on a sustainability journey with our exclusive campus-wide plastic consumption survey! Running from February 14th to 28th, the survey by [School of Chemistry, Chemical Engineering and Biotechnology \(CCEB\)](#) in collaboration with [Earthlink NTU](#) aims to uncover the extent of single-use plastics on campus. Your role is simple – keep tabs on every single-use plastic item you use and share photos through our

dedicated Telegram chatbot. As a token of gratitude, participants stand a chance to win Grab vouchers at the end of the survey. Sign up now and be a part of creating a greener, more plastic-conscious campus!

Click [HERE](#) to participate.



EcoClick x City in a Snapshot 2024: Photography Competition

[Earthlink NTU](#) in collaboration with NUS SAVE is organising a nature photography competition themed Anthropomorphism. Photographers of all skills are welcomed to submit photographs taken in Singapore, between 1 May 2023 to 20 Feb 2024. The competition will be open from 1 Feb to 20 Feb 2024. Participate and stand to win attractive prizes!

Click [HERE](#) for more details.



Marina East Beach Cleanup & Guided Tour

[Earthlink NTU](#) will be collaborating with Singapore Youth Voices for Biodiversity (SYVB) to hold a half-day park clean up event and guided tour at Marina East Park on 17th Feb 2024. On top of contributing to the cleanliness of our coastal parks, you will also get a chance to catch a glimpse of the amazing biodiversity and learn more about the environmental concerns around this ecologically significant park. Limited to first 30 signups!

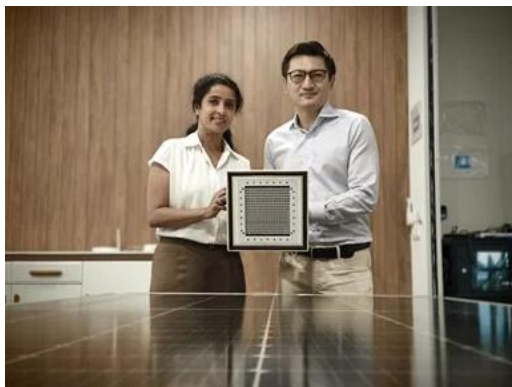
Click [HERE](#) for more details.



Visit to Energy Research Institute at NTU by Hungary's Minister of Culture and Innovation

Hungary's Minister of Culture and Innovation, His Excellency Mr János Csák, together with Her Excellency Ms Judit Pach, Ambassador of Hungary to Singapore, and Mr Ádám Kiss, President of the National Research, Development and Innovation Office of Hungary, visited the [Energy Research Institute at NTU \(ERI@N\)](#) on 8 Jan 2023. Hosted by NTU's Vice President (Industry) Prof Lam Khin Yong and ERI@N's Executive Director, Prof Madhavi Srinivasan, the delegation toured the NTU-Arrow Invent Lab and ERI@N's Systems Engineering & Future Mobility Lab, where they learnt more about NTU's sustainability research and clean energy innovations.

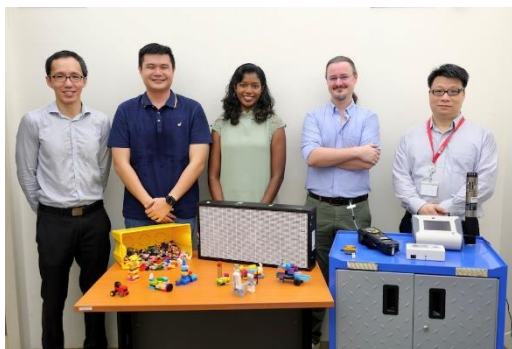
RESEARCH HIGHLIGHTS



New technology rejuvenates solar panels and protects them from degradation

Scientists from EtaVolt, a spin-off from NTU Singapore, have developed an innovative device that energises old solar cells at intensities multiple times that of sunlight, allowing for rapid and cost-effective restoration of old solar panels. It can also protect both new and old solar panels from performance degradation caused by light and heat. The breakthrough technology was developed by the [Energy Research Institute @ NTU](#) and has been exclusively licensed to EtaVolt for commercialisation. This pioneering solution, believed to be the first globally, has been successfully implemented in projects with major partners in the solar industry.

Click [HERE](#) for more details.



Study reveals common indoor air pollutants could affect creativity levels

Scientists at NTU Singapore, in collaboration with air filter manufacturer Camfil, discovered that high levels of volatile organic compounds (VOCs) in office air negatively impact creativity. The study revealed a potential 12% improvement in creative potential by reducing total VOCs by 72%. VOCs, emitted from products like detergents and paints, are indoor air pollutants. This research, part of a partnership with Camfil, aims to explore the effects of indoor air quality on cognitive performance and develop efficient clean air solutions for tropical conditions.

Click [HERE](#) for more details.



Climate Connections – Can forests migrate to escape the effects of Climate Change?

In the latest episode of Climate Connections, Dr Shawn Lum, Senior Lecturer at the [NTU Asian School of the Environment](#), discusses the impact of climate change on forests with MoneyFM. He explains how shifts in climate can affect plant growth, animal behaviour, and the overall interaction between organisms and their environment. Watch the [Spotify](#) podcast to understand more on the resilience of various plant species and the state of tropical forests amidst climate change.

Click [HERE](#) for more details.

OTHER EVENTS



Energy and Water Tour at Gardens by the Bay

Event Date: Every Sat & Sun

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

Explore water-sensitive urban design and sustainable energy cycles at Gardens by the Bay and gain insight into global challenges such as resource depletion, climate change, and water scarcity. The tour offers a unique opportunity to understand more about these challenges and includes complimentary entry to the Cloud Forest for Singapore residents.



Open Call for Community Photography Exhibition on the Birds of the Singapore Botanic Gardens

Event Date: 15 Jan-29 Feb 2024

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

The Singapore Botanic Gardens is hosting an Open Call for residents of Singapore to submit photographs of birds seen or recorded in the Gardens for a Community Photography Exhibition. The Gardens, rich in avian diversity, serve as a habitat for native and migratory birds. The exhibition will be themed around Birds in Action, Migratory Birds, Rare Birds, Feeding Birds, and Nesting Birds. Shortlisted photographs will be showcased in an exhibition at the CDL Green Gallery at the Singapore Botanic Gardens.

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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