



Sep-Oct 2025



Live Green@NUS

OUR SUSTAINABLE FUTURE STARTS TODAY
by NUS Sustainability

Did you know there are more than 20 environmental student groups in NUS, including campus-wide, residential life and academic programme groups? We feature three new campus-wide groups in this issue!



NUS CLIMATE ANALYTICS AND TECHNOLOGY CLUB



Are hydrogen cars really greener than hybrids? Is nuclear energy cleaner than hydropower or wind? And in everyday life, what's the environmental footprint of thrifting, or even your daily matcha?

The **Climate Analytics and Technology (CAT) Club** helps members cut through the hype by **interrogating the data and science behind "green" solutions**. Officially registered as an interest group in October 2025, the club has hosted life cycle assessment bootcamps, webinars, and site visits, including to the new NUS Singapore Nuclear Research and Safety Institute, Gardens by the Bay and climate tech company Terrascope!



Why join us?

“ You will learn how to read sustainability data and apply practical solutions to reduce impact, both using technology and nature-based approaches. These skills will give you a competitive edge when applying for internships! ”

**Ratana Lok, Year 4 Environmental Engineering student,
President of NUS CAT club**

To join the club or for more info, visit its IG page [here](#).

Read about two other new environmental student groups in the next page



BE INSPIRED



NUS SEAFARERS



Sailing puts you face-to-face with the fragility of the ocean – from plastic debris to shifting weather – making the need for sustainability impossible to ignore.

That explains why beyond learning to sail, and making voyages, **sustainability is a core pillar of NUS Seafarers.**

Officially registered as an interest group in June 2025, NUS Seafarers has since partnered Changi Sailing Club to conduct two cleanups at Pulau Ketam in Malaysia.

The group plans to run such cleanups once every semester and host workshops to upcycle old and damaged sails into pouches and other useful products. Stay tuned!

Why join us?

“ If you are looking to sail while making an impact, this is your club. You may not become the fastest sailor, but you will grow into a well-rounded one – gaining a holistic connection to the sea and rediscovering seafaring as a way of life. ”

Soo Yan Jia, Year 4 Political Science student, President of NUS Seafarers

To join the group, visit its IG page [here](#).

THRESHOLD INVESTMENTS SOCIETY NUS



Climate change is one of the defining challenges of our time and finance will be central to addressing it. Recognising this, political science student Brendan Toh and finance student Ganga Anand, who met at Tembusu College, combined their respective backgrounds in political science and finance, to found **Threshold Investments Society** for NUS students in 2024. The society combines **interdisciplinary research**, **industry engagement** and **investment themes** to drive financial and environmental impact.

Last semester, it hosted an impact investing seminar with student group 1.5 degreeNUS and is currently seeking official registration.



Why join us?

“ You get a chance to explore the fast-growing field of sustainable finance and gain a headstart over peers who aren't in this space yet. ”

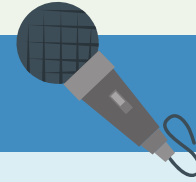
Brendan Toh, Year 4 Political Science student, co-founder of Threshold Investments Society NUS

To join the group, visit its [LinkedIn](#) page or subscribe to its [Telegram](#) channel.

Hear from NUS120 Distinguished Speaker, Prof Johan Rockström, on the next page



HEAR FROM THE EXPERT



Renowned climate scientist and director of Potsdam Institute for Climate Impact Research, **Prof Johan Rockström**, was in town to deliver a lecture on **Navigating our Future within Planetary Boundaries** at the University Cultural Centre on 16 Oct.

The lecture, part of the NUS120 Distinguished Speaker Series, also marked the signing of **a new partnership between NUS and Potsdam Institute for Climate Impact Research** to advance global research on **climate change, water, energy and sustainable development**.

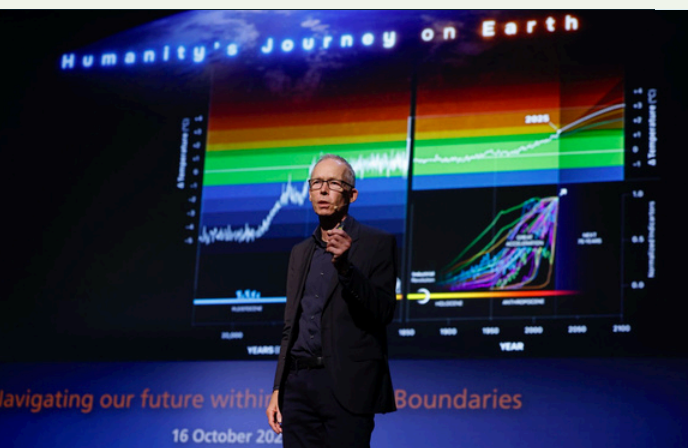
We summarise key messages from Prof Rockström's powerful and sobering talk.

Did you know?

Prof Rockström and a team of scientists developed the influential planetary boundaries framework which defines the **safe operating space** for humanity on Earth. There are **nine critical boundaries** including climate change and ocean acidification. Crossing these thresholds risks triggering **tipping points** that can set up self-reinforcing feedbacks, cause irreversible changes, and push the planet to become less liveable.

PROF ROCKSTRÖM ON... The health of planet Earth

Every year, researchers conduct a planetary health check across **nine Earth system "organs", known as planetary boundaries**. **Seven** are already outside of their safe "green" operating ranges. Even so, humanity has not entered the irreversible "red" zone, and **the window is still open** for us to turn things around. Two boundaries – stratospheric ozone depletion and atmospheric aerosol loading – have been steered away from "danger" through science-based environmental policies. This shows that solutions exist and we can be stewards of our planet.



How to return our planet to a "safe operating space"?

Two major transitions – in **energy and food** – can help humanity return to a "safe operating space". There is reassuring evidence that the **global energy transition away from fossil fuels**, while gradual, has started. Food systems, however, remain the primary driver for breaching five planetary boundaries and account for around 30% of global greenhouse gas emissions. A shift towards **a flexitarian diet** – with about half the plate as fruits and vegetables, significantly less animal protein and more wholegrains, nuts, fruits and unsaturated fats – and lower food waste could, combined with clean energy, can put us on a trajectory back to that safe space.

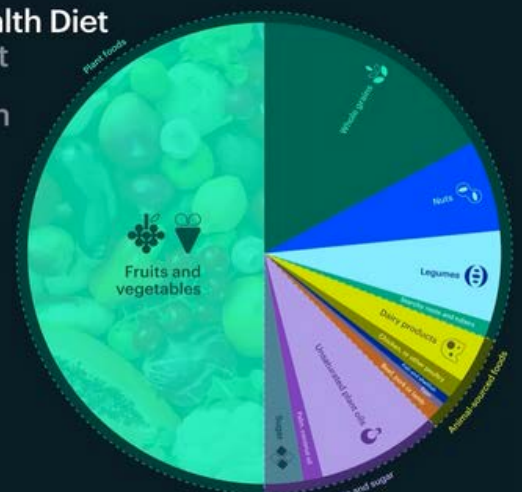
Being an outspoken advocate for the planet

Like it or not, academics and scientists cannot remain confined to the lab or to publishing scientific papers. Scientists have the **responsibility to speak up** for the climate because of what the evidence is showing.

While scientists should predominantly provide the evidence, it is equally important that they **"hold hands" and work together with other stakeholders**, including policymakers, civil society and the broader public – to turn science into effective action.



Planetary Health Diet A Flexible Diet For Better Human Health



Listen to the full recording of Prof Rockström's lecture [here](#).



GET INVOLVED

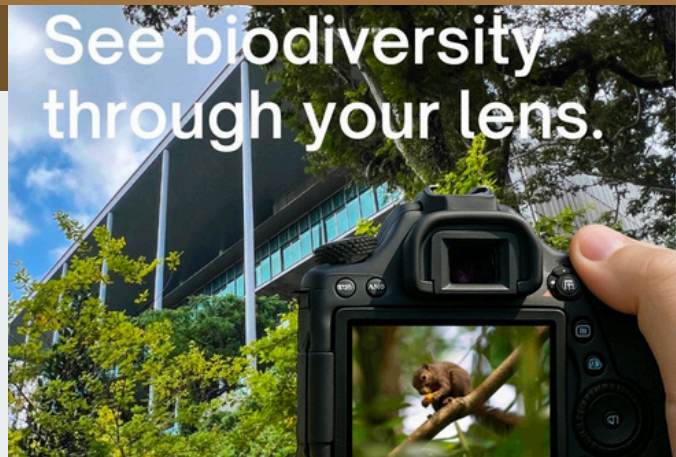


IARU Biodiversity on Campus photo contest

The International Alliance of Research Universities (IARU) invites submissions of creative photos capturing campus biodiversity, aiming to build a global gallery that showcases how biodiversity is experienced across university campuses worldwide. Top entries will be featured internationally within the IARU network of 11 universities.

The deadline has been extended to 14 Nov (Fri).
Register [here](#).

See biodiversity
through your lens.



Hitachi Young Leaders Initiative 2026

Flow as One

What's next for a sustainable future?

May 24-29, 2026
Cebu, Philippines



Inspire the next



Hitachi Young Leaders Initiative (HYLI) 2026

Calling all university students – Apply for HYLI 2026, a fully sponsored five-day leadership program in Cebu, Philippines, from 24 to 29 May 2026, where students will develop solutions around a sustainability-focused theme.

Register [here](#) by 28 Nov (Fri). More info [here](#).

Field trip to Centre for Hydrogen Innovations

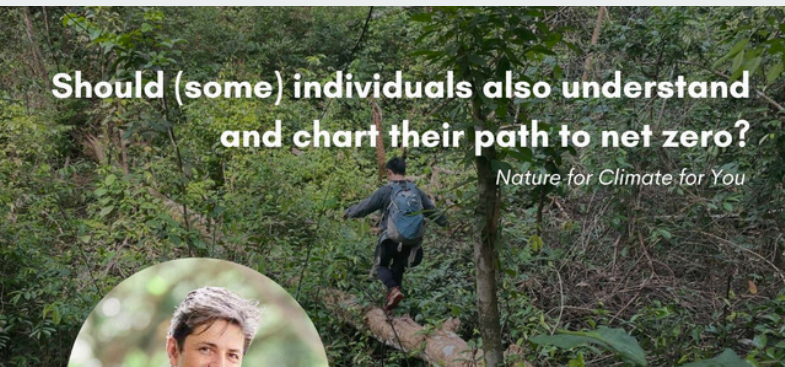
Discover the future of clean energy with student group 1.5degreeNUS at the Centre for Hydrogen Innovations (CHI). Learn about the broader hydrogen landscape and CHI's contributions to hydrogen innovations. You get to step into the CHI Lab to observe sustainable solutions first-hand too!

5 Nov (Wed), 3.30pm – 5.30pm. [Register](#).



Should (some) individuals also understand
and chart their path to net zero?

Nature for Climate for You



Nature for Climate for You Series webinar

The role of affluent individuals – whose choices shape markets and politicst—is often underemphasised in climate discussions. In this webinar by NUS Centre for Nature-based Climate Solutions, Assoc Prof Alberto Salvo shares NUS research showing how everyday lifestyle shifts in transport and food, can reduce environmental harm.

6 Nov (Thu), 10am – 11.30am. [Register](#).

Green Vision: Eye Care in the Era of Planetary Health

Each eye care decision—from surgical waste to procurement—has an environmental footprint and an opportunity for change. Join a SingHealth Duke-NUS Global Health Institute's webinar where experts will be sharing strategies to cut emissions, boost efficiency, and advance clinician-led sustainability toward a low-carbon future for eye health.

19 Nov (Wed), 5.30pm – 7pm. [Register](#).



If you have sustainability events to publicise, [email us](#).