

Er. Choong Choon Guan, President, ACES
Er. Yong Fen Leong, Vice President, ACES
Er. Adeline Koh Lian Suan, Honorary Secretary / Publications Chair, ACES
(via ACES secretariat)

Dear Er. Choong, Er Yong and Er Koh

Greetings to you! We would like to invite you and your team members to the inaugural **Keppel Sustainable Futures Symposium**, to be held on **Friday, 25 September 2026, from 4.00 pm to 6.30 pm** at the **EA Auditorium, NUS, 9 Engineering Drive 1, Block EA, Singapore 117575**.

Professor Rajasekhar Balasubramanian (Bala), the inaugural NUS Keppel Professor in Sustainability Solutions, will share his insights on: **“Advancing Sustainability through Interdisciplinary Research: A Long Journey”**

The symposium will bring together representatives from government agencies, professional societies and industry partners for an afternoon of sharing, networking and exploring potential opportunities for future research collaboration. Further details of the event are appended below for your reference.

We are also pleased to share that our current Head of Department is **Professor Karina Gin**. We look forward to welcoming you and your team to the symposium. Thank you very much for your support and have a lovely day!

Warm regards,
Peggy

Dear Industry Partners, Teachers, Alumni, Colleagues and Students,

You are cordially invited to the inaugural **Keppel Sustainable Futures Symposium**, organised by the Department of Civil and Environmental Engineering, NUS College of Design and Engineering.

Professor Rajasekhar Balasubramanian (Bala), the inaugural NUS Keppel Professor in Sustainability Solutions, will share his insights on:

“Advancing Sustainability through Interdisciplinary Research: A Long Journey”

Date: Friday, 25 September 2026

Venue: EA Auditorium, NUS

9 Engineering Drive 1, Block EA, Singapore 117575.

Time: 4 pm to 6.30 pm

As part of the symposium, we will also host an **exhibition featuring sustainability-focused research from two of our centres** – the [Centre for Environmental Resilience \(CER\)](#) and the [Centre for Resource Circularity and Resilience \(CR\)²](#).

Come and see how our research is addressing real-world environmental and sustainability challenges through **live models, demonstrations and current projects**. Meet our professors and research team

members, find out what they are working on, and hear about some of the exciting research planned for the future. The exhibition also provides an opportunity for industry partners and alumni to **connect with our researchers and explore potential areas for collaboration**.

We would be delighted to have you join us on this special occasion and look forward to your participation.

To register: Please click [here](#), refer to the flyer below, or scan the QR code on the flyer.

We look forward to welcoming you to the symposium.

Wishing you a pleasant day.

Regards, Peggy

This is in-person Lecture. PDUs/STUs pending approval.

Admission is free.

Time	Programme
4.00 pm – 5.00 pm	Registration Exhibition showcasing CEE's cutting-edge research and innovation in sustainability.
5.00 pm – 6.30 pm	Keppel Sustainable Futures Symposium Lecture on “Advancing Sustainability through Interdisciplinary Research: A Long Journey” By Professor Rajasekhar Balasubramanian, NUS Keppel Professor in Sustainability Solutions , Department of Civil and Environmental Engineering, National University of Singapore
6.30 pm	Refreshments/ End of Programme

INAUGURAL KEPPEL SUSTAINABLE FUTURES SYMPOSIUM

Advancing Sustainability through Interdisciplinary Research: A Long Journey



Professor Rajasekhar Balasubramanian

NUS Keppel Professor in Sustainability Solutions
Department of Civil and Environmental Engineering
National University of Singapore

Special Exhibits

Centre for Environmental
Resilience (CER)

Centre for Resource
Circularity and
Resilience (CR)2

Drawing on three decades of interdisciplinary research, this presentation explores climate resilience, air quality and sustainable cities, demonstrating how collaborative science, engineering and policy deliver practical solutions for sustainable development.

Abstract

Over three decades of interdisciplinary research at the intersection of atmospheric science, environmental engineering, and urban systems have yielded a central insight: the most persistent sustainability challenges are solved across disciplines, not within disciplines. This presentation reflects on a long journey of collaborative research spanning climate resilience, air quality, sustainable and healthy cities, and the circular economy, drawing on work conducted across Asia, Europe, and beyond. The talk will examine how the deliberate integration of environmental science, engineering, data analytics, and policy has enabled research that is both scientifically rigorous and practically relevant. Through selected case studies, it will illustrate how systems thinking and cross-sector engagement can translate complex environmental data into actionable solutions for low-carbon, resilient societies. The presentation will close with reflections on what makes interdisciplinary collaboration succeed. It will also highlight the role that research institutions, funding bodies, and the next generation of scientists must play in accelerating the transition to sustainable development.

Speaker's Biography

Rajasekhar Balasubramanian (Bala) is the inaugural NUS Keppel Professor in Sustainability Solutions. His research focuses on urban air quality, climate change, and environmental sustainability. He has led major international collaborations and contributed to the development of environmental policy. He is a prolific scholar whose work has been widely cited. He is also actively engaged in education and outreach initiatives aimed at fostering greater diversity and inclusion in sustainability. He is a recipient of many research and teaching awards. He has been a Lead Author for the UNEP's Global Environment Outlook Report and serves on international scientific panels related to clean air. He has received extensive international recognition for his contributions to environmental sustainability. He is an elected Fellow of the American Association for the Advancement of Science (AAAS), the American Geophysical Union (AGU), the Royal Society of Chemistry (RSC), the Asian Aerosol Research Assembly (AARA), and The World Academy of Sciences (TWAS). He is also an International Honorary Member of the American Academy of Environmental Engineers and Scientists (AAEES). His achievements have been recognised through several prestigious honours. The Asia Magazine named him among the Top 100 Scientists in Asia, while both the Asia Oceania Geosciences Society (AOGS) and the AGU honoured him with Distinguished Lecturer Awards. In 2026, the Indian Institute of Technology (IIT) Delhi recognised his outstanding academic contributions by conferring upon him its Distinguished Alumnus Award.

Scan to register.

PDUs/STUs is subject to PEB's approval



REGISTER NOW!



Friday 25 September 2026
4.00 pm to 6.30 p.m.
Registration starts at 3.30 p.m.



Engineering Auditorium
National University of Singapore
College of Design and Engineering
9 Engineering Drive 1,
Singapore 117576

Organised by



Department of Civil &
Environmental Engineering
College of Design and Engineering