

CLIMATE CHANGE AND SUSTAINABILITY 101 COURSE FOR PUBLIC OFFICERS

Run 1: 28-31 July 2025

Run 2: 13-16 October 2025

Run 3: 24-27 November 2025

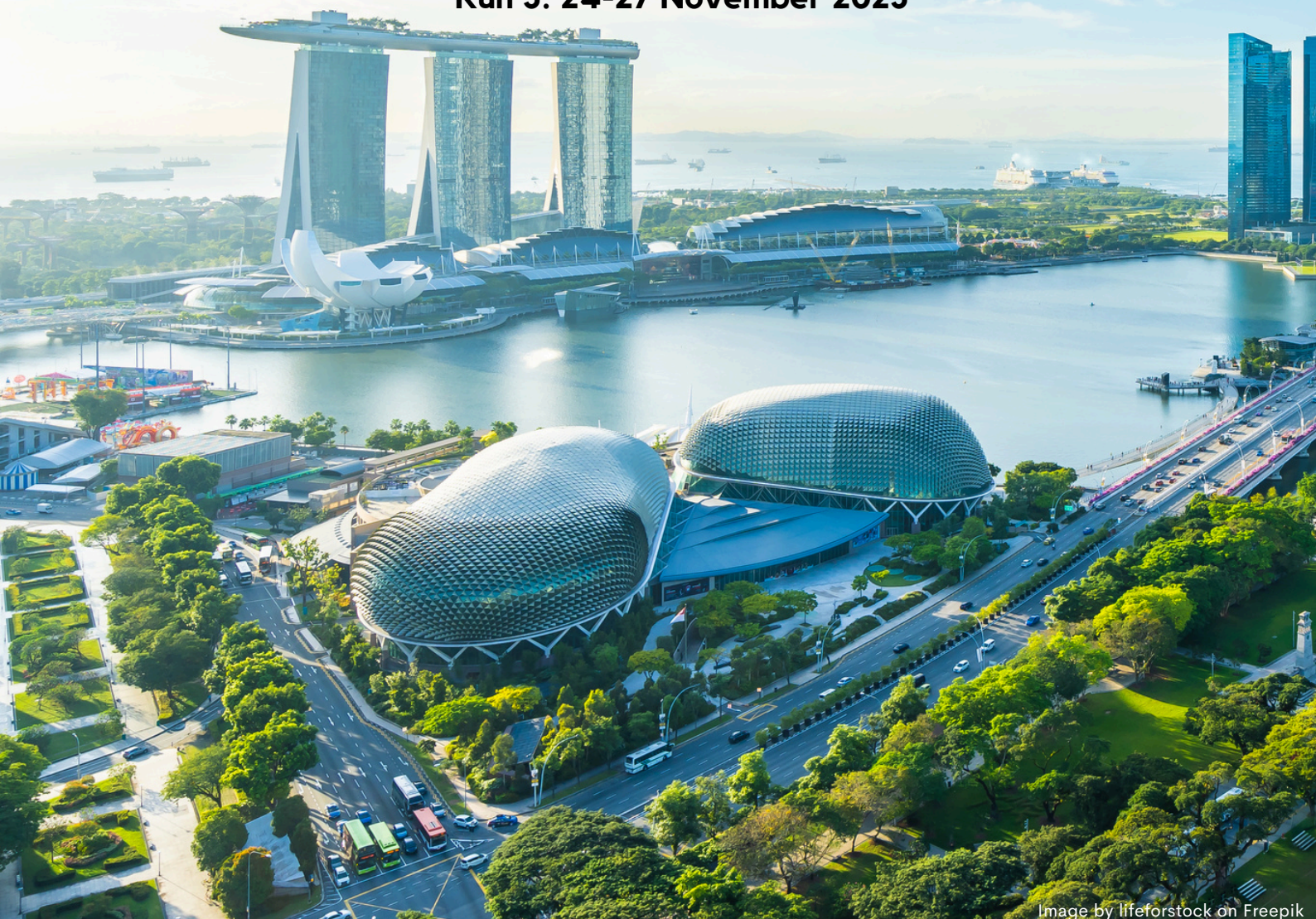


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ORGANISED BY:



IN PARTNERSHIP WITH:



Ministry of Sustainability
and the Environment
— SINGAPORE —

OVERVIEW

The NUS Sustainability Academy is partnering with the Ministry of Sustainability and the Environment and the National Climate Change Secretariat to organise three runs of *Climate Change and Sustainability 101 Course for Public Officers* in 2025. This course caters to government officers interested to gain a broad overview of climate and sustainability efforts across Singapore. Through a holistic curriculum spanning four days, participants will learn from senior government officials, corporate leaders, and academics in a classroom setting. Participants are introduced to the key topics and trends in the environmental sustainability landscape in Singapore through seminars, panels, and case studies to inform their policymaking and green government operations.

Previously offered as *Sustainability 101 Course for Policy Officers* in 2023-24, the course curriculum is refreshed in 2025 to include latest developments and current best practices in the industry.

ABOUT NUS SUSTAINABILITY ACADEMY

The NUS Sustainability Academy is a "one-stop shop" for continuing education and training programs on climate, nature, energy, green finance and other sustainability topics. The Academy coordinates and develops a pipeline of courses, partnering with NUS School of Continuing and Lifelong Education (SCALE) and other NUS schools/ faculties, as well as government agencies and industry, to upskill public and private sectors in Singapore and ASEAN on sustainability-related topics.

The NUS Sustainability Academy is part of the new NUS Sustainable Futures, a community-building, agenda-setting platform to provide a "bird's-eye-view" of the strengths and weaknesses, and to tackle the toughest and most urgent climate and sustainability challenges facing society. The aim of NUS Sustainable Futures is to build vibrant, cross-cutting sustainability research communities by setting researchers on a mission-driven, problem-solving approach, challenging them to think more boldly, act more nimbly and work more collaboratively. The Sustainability Academy leverages on the expertise of researchers within NUS and our industry connections to showcase thought leadership and best practices in climate change, sustainability, and environmental management.

COURSE OUTLINE AND TRAINING OUTCOMES

The course will help participants to:

1. Appreciate international developments and sustainability trends.
2. Understand policy implications of the Intergovernmental Panel on Climate Change (IPCC) reports.
3. Develop perspectives on core policy pillars - mitigation, adaptation, green economy, international negotiations, engaging society & building partnerships, and science & technology.
4. Develop awareness of sustainability reporting and green financial instruments
5. Confidently design sustainable policies in your domain.
6. Work and network with experts in sustainability.

CORE TOPICS

- DAY 1** Introduction to Climate Change
- DAY 2** Introduction to Sustainability: Adaptation and Resilience
- DAY 3** Climate and Sustainability Transitions Across Workstreams
- DAY 4** Mobilising Resources for Change, Case Presentations & Wrap-up

DETAILS

WHEN

Run 1: 28-31 July 2025
 Run 2: 13-16 October 2025
 Run 3: 24-27 November 2025

WHERE

NUS U-Town Education Resource Centre (ERC) Level 2

FEES

FEES

S\$3430.00* excluding GST
 S\$3738.70 with GST+

*Please note that there are no subsidies offered for this course.

+GST applies to individuals and Singapore registered companies.

SPEAKER LINE-UP

JULY RUN - SUBJECT TO CHANGE



MELISSA LOW
(PROGRAMME CO-CHAIR)
Research Fellow
NUS Centre for Nature-based
Climate Solutions

**Seminar: Paris Agreement &
Rulebook and Outcomes of COP29**



SRIVATSAN VIJAYARAGHAVAN
Head Climate and Weather
Research
Tropical Marine Science Institute

**Seminar: Climate Change and
Future Climate Projections -
Interconnectedness to
Sustainability**



DEXIANG CHEN
Senior Vice President,
Institutional Banking Group,
DBS

**Seminar: Carbon Accounting
& Sustainability Reporting
Frameworks**



ZHANG WEINA
Associate Professor of
Finance, Deputy Director
NUS Sustainable and Green
Finance Institute

**Seminar: 101 Climate
Finance & Green Financial
Instruments**



JOSEPH CHUN
Partner, Environmental, Social
and Governance practice
Shook Lin & Bok

**Seminar: Domestic Climate
Change Legislation & Carbon
Taxation Policy**



HO HIANG KWEE
Adjunct Senior Research Fellow
NUS Energy Studies Institute

**Seminar: Net Zero Greenhouse
Gas Emissions by 2050 -
Emerging Technological Options**



TOH WEE KHIANG
Director, Hydrogen &
Sustainable Energies Office,
Energy Market Authority

**Dialogue with EMA on the
Singapore Energy Story**



WEIXIN NG
Director (Public Sector
Sustainability Office)
Ministry of Sustainability &
Environment

**Seminar: Dialogue with MSE on
Singapore Green Plan and
GreenGov**

SPEAKER LINE-UP

JULY RUN - SUBJECT TO CHANGE



MAY SIM
Senior Lecturer (industry),
Republic Polytechnic

**Seminar: Green Supply
Chains and Procurement**



LOO DELIANG
Head of Sustainability
Strategy Unit, University
Campus Infrastructure,
NUS

**Seminar: Waste Recycling
Strategies**



RACHEL KOH
Impact Portfolio Manager
Climate Impact X

**Seminar: Introduction to Carbon
Markets**



YUAN CHAO
Presidential Young Professor
NUS Department of Architecture

**Seminar: Climate Mitigation and
Adaptation in the Built
Environment**



AUDREY TAN
Moderator

**Panel: Working with
Sustainability Champions in
Civil Society and Activism**



KONG MAN JING
Co-Founder
Just Keep Thinking

**Panel: Working with
Sustainability Champions in Civil
Society and Activism**



HO XIANG TIAN
Founder
LepakInSG

**Panel: Working with
Sustainability Champions in
civil society and activism**

More speakers to be confirmed on the topics of:

*Dialogue with NCCS on Singapore's National Circumstances and Learnings from International Case Studies,
Dialogue with MTI/EDB on Transitioning to a Green Economy,
Ensuring Singapore's Water Sustainability,
Working with Sustainability Champions in Civil Society & Activism,
Facilitated Discussion on thought process and systems thinking in sustainability policymaking*

PAST PARTICIPANTS

Past participants come from a range of backgrounds. Organisations they represent include:

1. Accountant-General's Department
2. Accounting and Corporate Regulatory Authority
3. Building and Construction Authority
4. Civil Aviation Authority of Singapore
5. Defence Science and Technology Agency
6. Economic Development Board
7. Energy Market Authority
8. Enterprise Singapore
9. Home Team Science and Technology Agency
10. Housing Development Board
11. Infocomm Media Development Authority
12. JTC Corporation
13. Land Transport Authority
14. Ministry of Culture Community and Youth
15. Ministry of National Development
16. Ministry of Sustainability and the Environment
17. Ministry of Transport
18. Ministry of Finance
19. Ministry of Defence
20. Ministry of Digital Development and Information
21. Ministry of Trade and Industry
22. Ministry of Home Affairs
23. Ministry of Foreign Affairs
24. Monetary Authority of Singapore
25. Maritime and Port Authority of Singapore
26. National Council of Social Service
27. National Environment Agency
28. National Heritage Board
29. National Parks Board
30. National Research Foundation
31. National Security Coordination Secretariat
32. Ngee Ann Polytechnic
33. Prime Minister's Office – Strategy Group, Public Sector Science & Technology Policy and Plans Office, Smart Nation and Digital Government Office
34. Public Service Division
35. Public Utilities Board
36. Singapore Food Agency
37. Singapore Land Authority
38. Sentosa Development Corporation
39. SportSG
40. Tote Board Singapore
41. Urban Redevelopment Authority
42. Workforce Singapore

REGISTRATION & ENQUIRIES

Please inform the point of contact in your organisation to submit your registration.

You can also contact the NUS organising team for enquiries at sustainabilityacademy@nus.edu.sg

We look forward to hearing from you!



FREQUENTLY ASKED QUESTIONS (FAQ)

1. How do I register for the course?

Write to us at sustainabilityacademy@nus.edu.sg if you are interested in attending any run of the course. Once registration has officially opened, instructions will be sent for you to sign up. Do note the registration deadlines:

Run 1: 28–31 July 2025 (Register by 27 Jun 2025)

Run 2: 13–16 October 2025 (Register by 12 Sep 2025)

Run 3: 24–27 November 2025 (Register by 24 Oct 2025)

2. Who will pay for the course?

This course will be funded by your own agency/ministry training budget. NUS will bill your agency directly and needs the contact information of your agency's billing representative.

3. Are there any subsidies?

No.

4. What is the modality of the course?

The course is held in-person on the NUS University Town Campus.

5. Who is the target audience of the course?

Policy officers supporting the Inter-Ministerial Committee on Climate Change (IMCCC) and their 5 Working Groups, as well as officers supporting GreenGov and SG Green Plan will be given priority. However, we also welcome all government officers who wish to upskill and improve their capabilities in addressing climate change and sustainability challenges.

6. What is the profile of participants who previously attended the course?

The government has sent many officers of varying seniorities from various agencies to the previous runs of this course to upskill them in sustainability to contribute to a coordinated effort to tackle the root causes and effects of climate change. These agencies include the environmental agencies like MSE, NParks, and PUB, development agencies like MND, MoT, JTC, URA, Sentosa, economic agencies like EDB, MAS, MoF, MPA and the defence and diplomacy agencies MINDEF and MFA. Participants vary in experience in the public service and can range from those with decades long experience to those who are just starting in the public service. Thus, fellow participants provide a wide range of perspectives to learn from.

7. How much time will I need to allocate to the course?

You will spend approximately 40 hours over a four-day work week working on the course. 90% of this time is spent on the NUS campus itself— approximately nine hours per day for four days inclusive of lunchtime and breaks. The remaining time is spent outside of class completing readings for class and preparing your final presentations on assigned case studies.

Important Note: Many participants underestimate the time outside of the course it takes to fully develop their understanding of the course content. Consider clearing your calendar completely and dedicating the four scheduled days to completing the class readings and teamwork on your case studies.

8. Are there future runs of the course?

NUS will be reviewing the 2025 runs of the course after the Nov run ends. We will share more information of future runs when ready.