



The 12th APFSD will be organized from **25 to 28 February 2025** under the theme: “**Advancing sustainable, inclusive, science- and evidence-based solutions for the 2030 Agenda and its SDGs for leaving no one behind in Asia and the Pacific**” at the United Nations Conference Center (UNCC) in Bangkok, Thailand.

Scaling Science-Based Solutions for Sustainable Development: Regional Innovations in Technology and Data for Achieving the SDGs

28 February 2025
10:45 - 12:00 Bangkok Time
Meeting Room G, UNCC, Bangkok and online

Organizers

- Asian and Pacific Training Centre for Information and Communication Technology for Development
- Asian and Pacific Centre for Transfer of Technology
- Asian and Pacific Centre for the Development of Disaster Information Management
- Centre for Sustainable Agricultural Mechanization
- International Center of Big Data for Sustainable Development Goals (CBAS), Chinese Academy of Sciences, China
- National Research Council of Thailand (NRCT), Ministry of Higher Education, Science, Research and Innovation, Thailand
- Statistical Institute for Asia and the Pacific

Background

There have been efforts to integrate science and systematic approaches to accelerate the implementation of the SDGs in Asia and the Pacific. Linking of scientific- evidence based approaches to innovative technological advancements, statistics, information technology, climate change adaptation and disaster risk resilience and data management can be key contribution to both national and international efforts.

This entails fostering the transfer and development of sustainable technologies, improving data governance, and enhancing collection and analysis capabilities, while also investing in statistical infrastructure for tracking progress, and promoting capacity building initiatives. By embracing these comprehensive strategies, countries in the region can strengthen their resilience, make informed decisions, monitor climate impacts, and effectively contribute to global efforts in both mitigating and adapting to the challenges posed by climate change.

The session will focus on capacity building, technology transfer, effective use of data & statistics & regional cooperation to promote science-evidence-based solutions for SDGs.

The side event will deliberate on:

1. Opportunities for stakeholders to scale up cross-border cooperation
2. Harnessing scientific- evidence based approaches for achieving SDGs
3. Improving avenues for enhancing knowledge and skills to utilize multi-source data for effective responses utilizing cutting-edge and innovative technologies



APCICT
Asian and Pacific Training Centre
for Information and Communication
Technology for Development



APCTT
Asian and Pacific Centre
for Transfer of Technology



APDIM
Asian and Pacific Centre for
the Development of Disaster
Information Management



**INTERNATIONAL RESEARCH CENTER OF BIG DATA
FOR SUSTAINABLE DEVELOPMENT GOALS**
可持续发展大数据国际研究中心



CSAM
Centre for Sustainable
Agricultural Mechanization



SIAP
Regional Centre for
Asia and the Pacific

The side event is in alignment with the focus of the 2025 HLPF, the Forum will assess progress on the SDGs under review and will provide a platform and sessions to support countries presenting their voluntary national reviews at the 2025 HLPF.

Innovative Elements:

- This event will explore emerging tools, such as digital platforms for regional data-sharing and AI applications in climate adaptation, to support cross-border collaboration and foster resilient and adaptive strategies for SDG implementation. Participants will engage in interactive discussions that encourage knowledge-sharing and regional partnership development.
- The event will also touch upon how countries can use big data to better balance environmental sustainability with economic resilience in coastal regions

Expected Contribution to APFSD:

- The event will contribute to APFSD by providing actionable insights and case studies that demonstrate successful regional collaboration and innovative methodologies in advancing sustainable development. It will offer recommendations on how evidence-based practices can be scaled to support the Voluntary National Reviews (VNRs), with a focus on aligning policies and resources for effective climate responses and sustainable development.

Tentative Programme
28 February 2025
Time: 10:45 - 12:00 Bangkok Time
Meeting Room G, UNCC Bangkok, and online

Master of the Ceremony: Dr Monthip Sriratana, Director, DBAR ICoE-Bangkok, NRCT

Time	Agenda Item	Speaker
10:45 – 11:00	Opening Address	Dr. Preeti Soni , Head, Asian and Pacific Centre for Transfer of Technology (APCTT-ESCAP) Dr. Wiparat De-ong , Executive Director, National Research Council of Thailand (NRCT) Prof. Huadong Guo , Director General, International Research Center of Big Data for Sustainable Development Goals (CBAS) – <i>Online</i> Ms. Lin Yang , Deputy Executive Secretary, United Nations Economic and Social Commission for Asia and the Pacific (ESCAP)
	Group Photo	
11:00 – 11:30	Keynote Presentations	
	Dr. Shailja Sharma , Director, Statistical Institute for Asia and the Pacific (SIAP/ESCAP) Prof. Fang Chen , Deputy Director General, International Center of Big Data for Sustainable Development Goals (CBAS) – <i>Online</i>	
11:30 – 12:00	Technical Session	
11:30 – 11:36	Dr. Venkatachalam Anbumozhi , Senior Research Fellow for Innovation, Economic Research Institute for ASEAN and East Asia (ERIA), Jakarta, Indonesia	
11:36 – 11:42	<i>Multi-Hazard Risk Assessment Using Open-Source Data and Tools for Understanding Climate and Disaster Risks</i>	
	Mr. Manzul Kumar Hazarika , Director, Geoinformatics Center, Asian Institute of Technology, Thailand	
11:42 – 11:48	<i>Iran's initiatives on the path to scalable and science-based sustainable development</i>	
	Mr. Habib Jabbari , Deputy for Spatial Planning and Regional Development Affairs, Plan and Budget Organization, Islamic Republic of Iran	
11:48 – 11:54	<i>GNSS-based Big Data of Agricultural Machinery Operation (online)</i>	
	Dr. Wu Caicong , Professor, Director of the Key Laboratory of Agricultural Machinery Monitoring and Big Data Applications, Ministry of Agriculture and Rural Affairs, China	
11:54 – 12:00	Discussion and Closing	

Please join the Zoom Meeting link below:

<https://ait-ac-th.zoom.us/j/95305296601?pwd=MdigBXgYmO6eDBAnzWE0vjrNlDm6WB.1>

Meeting ID: 953 0529 6601

Passcode: 99163