

STREAMS OF CHANGE: WATER SCARCITY SOLUTIONS: MANAGING DROUGHT RISKS

 **17** JUNE
2025

 **9:00-10:30**
CET

 **ONLINE**



Event Rationale

Water scarcity has caused serious impacts to livelihoods, natural resources and economies in almost every region. Approximately 36 percent of the world's population is living in water-scarce regions. The United Nations reports that water shortages could affect 5 billion people by 2050. Water scarcity and droughts also lead to negative environmental impacts, such as reduced biodiversity and ecosystem services and higher greenhouse gas emissions from wetlands and other water systems. UNITAR Global Water Academy, Global Water and Sanitation Center and UNITAR CIFAL Bangkok at Asian Institute of Technology (AIT) jointly organize this event to share knowledge and experience, which will lead to innovative solutions to minimize the risk from drought hazard and lessen the impacts of water scarcity crisis.

Approach

1. Knowledge and experience sharing on global / regional strategies to address water scarcity crisis, current issues and challenges.
2. Share case studies and practical examples drawn from national and regional experiences.
3. Explore possible innovative solutions through lessons learned from the interaction with the speakers.

Key Take Aways

1. Important issues and key impact factors for innovative solutions.
2. Policy and strategies to address challenges and mitigate drought risks taken from case examples and country experiences.
3. Innovative solutions and applications of technology.

Join us!

For further information and registration



https://us02web.zoom.us/webinar/register/WN_MOa5Clk1SJkMIUIHEybCA



Session Plan

9:00–9:05

Opening



Dr. Gopi Krishna,
Research Coordinator & Affiliated Faculty, Asian Institute of Technology

9:05–9:10

Welcome remarks



Prof. Manukid Parnichkun,
Vice President for Academic and Research, Asian Institute of Technology



Dr Ebru Canan Sokullu,
Associate Director of CIFAL Global Network
and Deputy Director of Division for People, UNITAR

9:10–9:25

Strengthening Water Security: ADB's Role in Managing Water Scarcity and Sustainability



Dr. Leo Kris M. Palao,
Associate Climate Change Officer, Asian Development Bank

9:25–9:40

Enabling Technologies for Climate Resilient Water Management



Dr. Natthachet Tangdamrongsub,
Assistant Professor, Asian Institute of Technology

9:40–9:55

Risk Resilience and Community-Based Adaptation Strategies



Dr. Indrajit Pal,
Associate Professor and Chair of Disaster Preparedness, Mitigation,
and Management, Asian Institute of Technology

9:55–10:15

AIT Project Showcases:

- i) Urban Wastewater Management for Reuse of Treated Wastewater.
- ii) Climate Resilient Agriculture for the Northern Highlands of Thailand.



Mr. Hendra Gupta,
Global Water and Sanitation Centre, Asian Institute of Technology



Dr. Voravate Chonlasin,
Director, CIFAL Bangkok, Asian Institute of Technology

10:15–10:25

Q&A

10:25–10:30

Closing: Insights and Key Takeaways



Dr. Gopi Krishna,
Research Coordinator & Affiliated Faculty, Asian Institute of Technology





SUSTAINABLE DEVELOPMENT GOALS

*Strengthening Human Capacities
to Advance Sustainable Development*