# Joint Symposium:

## UTokyo x PolyU

# International Collaboration on Climate-Resilient Infrastructure and Smart City

*The University of Tokyo, Interfaculty Initiative in Information Studies (III) & The Hong Kong Polytechnic University, Otto Poon Research Institute for Climate-Resilient Infrastructure (RICRI)*

In the face of escalating climate change risks, resilient and intelligent infrastructure systems have become critical to ensuring the safety, adaptability, and sustainability of our urban environments. Building on this urgent global agenda, this symposium brings together leading scholars and experts from Utokyo and PolyU to explore strategic approaches for climate-resilient infrastructure and smart city development. The event serves as a platform for international collaboration, multidisciplinary knowledge exchange, and forward-looking discussion on integrating data science, AI, and engineering innovations into resilient urban systems.

14th July 2025

14:00 – 16:30 (JST)

Daiwa House Nobuo Ishibashi Memorial Hall, 3rd Floor, Daiwa Ubiquitous Academic Research Building, The University of Tokyo, 7-3-1 Hongo,

ONLINE
https://polyu.zoom.us/j/84332499705?pwd=WpTcPzPrkD0Amch3tlf0DVDcoVFEVl.1)

Zoom Link

# Agenda

## 14:00 – 14:10 Opening Remarks & Group Photo

**Prof. Kimiro MEGURO**
Dean of III (UTokyo)

**Prof. Xiang-dong LI**
Director of RICRI (PolyU)

## 14:10 – 14:50 Session 1: Keynote Speech – Vision & Research Directions (Part 1)

**Prof. Kimiro MEGURO (UTokyo)**

Title: Towards Implementation of Proper Disaster Management Measures in an Aging and Depopulation Society

**Prof. Xiang-dong LI (PolyU)**

Title: Introduction to Research Institute for Climate-Resilient Infrastructure (RICRI) at PolyU

**Prof. Yoshihide SEKIMOTO (UTokyo)**

Title: Development of Sustainable Urban Digital Twin

**Prof. Jinyue YAN (PolyU)**

Title: IPT4U: Intelligent Platform & Toolbox for Urban Infrastructure Resilience

## 15:20 – 15:50 Session 2: Expert Sharing – Future Integration (Part 2)

**Prof. Noboru KOSHIZUKA (UTokyo)**

Title: Smart City Operating Systems: Architectures for Interoperability and Governance

**Prof. Songye ZHU (PolyU)**

Title: High-fidelity Monitoring and Prediction of Extreme Climate Events in Hong Kong and Surrounding Regions

**(Project) Assoc. Prof. Hangli GE (UTokyo)**

Title: Cyber-Physical Big Data Driven Approaches for Urban Resilience Enhancement

**Prof. Huan-Feng DUAN (PolyU)**

Title: Extreme Rainstorm Disasters and Nature-based Solutions

## 15:50 – 16:30
## Panel Discussion & Closing Remarks

**Moderator**

**Asst. Prof. GUO Zhiling (PolyU)**

UTokyo

東京大学大学院
情報学環・学際情報学府
The University of Tokyo III/GSII

The Hong Kong Polytechnic University
香港理工大學

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