



STS forum Japan-Thailand Symposium 2026

“The Great Convergence: AI-Driven Health, Environment and Bio-Economy”

between April 24 - 25, 2026

at the Centara Grand Hotel and Bangkok Convention Centre, CentralWorld, Bangkok

Organized by the National Research Council of Thailand (NRCT),

Ministry of Higher Education, Science, Research and Innovation

1. Background and rationale

At present, the world is confronting complex and deeply interconnected systemic challenges, including public health crisis, climate change, environmental sustainability, energy security, and the need to enhance economic competitiveness within an increasingly competitive global landscape. These challenges cannot be addressed by any single discipline alone. Rather, they require the integration of science, technology, and innovation particularly Artificial Intelligence (AI), which plays an increasingly important role in improving decision-making, analyzing big data, advancing medical innovations, promoting sustainable natural resource management, and driving the bio-economy.

The Science and Technology in Society *forum* (STS *forum*) is a globally recognized international platform that promotes dialogue among leaders from government, academia, industry, and international organizations to deliberate on both opportunities and challenges of science and technology from a long-term perspective. The annual meeting is organized annually in October in Kyoto, Japan, and plays a significant role in shaping global direction in scientific technology and innovation cooperation.

Thailand, through the National Research Council of Thailand (NRCT), has continuously participated in and supported collaboration with the STS *forum* since 2017 in order to elevate Thailand's role in the international science and technology stage and to strengthen strategic cooperation networks with Japan and other partner countries. In light of this ongoing partnership, the **STS forum Japan–Thailand Symposium 2026** is being organized under the theme **"The Great Convergence: AI-Driven Health, Environment and Bio-Economy"**

This symposium focuses on the integrating of knowledge and the applying Artificial Intelligence (AI) across three (3) main dimensions: (1) Health, (2) Environment and Energy, and (3) Bio-economy. These interconnected fields are critical to the sustainable development of Thailand and the broader region. The symposium will feature keynote speeches delivered by distinguished international leaders and experts, high-level policy dialogues, parallel academic sessions, and networking activities designed to foster meaningful collaboration.

2. Objectives

2.1 To provide a platform for discussion and exchange perspectives on the integration of Artificial Intelligence with health, environment, energy, and the bio-economy;

2.2 To exchange knowledge, experiences, and best practices among leaders, policymakers, industry leaders, academics, and researchers;

2.3 To promote and further strengthen international cooperation in science, research, and innovation, and to support collaborative initiatives that contribute to sustainable development.

3. Expected results

3.1 Enhanced awareness of key global and regional trends related to the application of AI in health, environment, and bio-economy;

3.2 Strengthened networks and collaborative partnerships among participants from diverse countries and sectors;

3.3 Developed concrete collaboration opportunities, including joint research projects, policy collaborations, and innovation activities;

3.4 Obtained policy recommendations and practical guidelines to support the responsible and effective use of AI and advanced technologies in alignment with the Sustainable Development Goals.

4. Target participants

- STS *forum* Board and Council Members
- High-level executives, government officials, and policymakers in science, technology, innovation, health, environment, energy, and economic development
- Executives and representatives from international organizations and research institutions
- Distinguished experts and researchers in artificial intelligence, health science, environment, energy, bioeconomy, and related fields
- Industry leaders and private sector representatives engaged in technology, innovation, and sustainability

5. Duration and Venue

The STS *forum* Japan–Thailand Symposium 2026 will be held between April 24–25, 2026, at the Centara Grand and Bangkok Convention Centre, CentralWorld, Bangkok, Thailand.
