芝浦工業大學 SHIBAURA INSTITUTE OF TECHNOLOGY

AY2025 Global PBL (Inbound) Performance Report

Global Workshop on Creating Disaster-Resilient Cities with Multicultural Coexistence

Date	Place	Partner Organization	Students' Major and Grade	Participants' Information	SIT Instructor
2025/09/08 ～2025/09/17	Japan	Kasetsart University Asian Institute of Technology Suranaree University of Technology King Mongkut's University of Technology Thonburi Institut Teknologi Bandung National Taiwan University	・Department of Civil Engineering、Civil Engineering ・Undergraduate 1st grade、Undergraduate 2nd grade、Undergraduate 3rd grade、Undergraduate 4th grade、Master 1st grade、Master 2nd grade、Doctor 1st grade、Doctor 2nd grade、Doctor 3rd grade	(SIT) Students 29, Student Staff 8, Professor 1 (Kasetsart University) Students 17, Professor 4 (Asian Institute of Technology) Students 23, Professor 1 (Suranaree University of Technology) Students 4, Professor 1 (King Mongkut's University of Technology Thonburi) Students 16, Professor 2 (Institut Teknologi Bandung) Students 32, Professor 1 (National Taiwan University) Students 29, Professor 3, Staff 1	INAZUMI Shinya(Civil Engineering Urban Infrastructure and Environment)、MIYAMOTO Hitoshi(Civil Engineering Urban Infrastructure and Environment)

Image1 Group photo

A Global Project-Based Learning (global-PBL) program themed "Build Tokyo Together: Creating a Disaster-Resilient and Inclusive City That Transcends Borders" was conducted at Shibaura Institute of Technology's Toyosu Campus for 10 days from September 8 to 17, 2025. The program aimed to collaboratively create a future city that is disaster-resilient and culturally diverse, with student teams discussing and proposing "safe and livable communities" with multicultural coexistence as the theme in Tokyo, which faces risks from major earthquakes directly beneath the capital and typhoons/floods.
The program brought together 29 civil engineering students from Shibaura Institute of Technology (SIT), along with numerous students from across Asia. Specifically, 23 students from Asian Institute of Technology (AIT), 17 from Kasetsart University (KU), 16 from King Mongkut's University of Technology Thonburi (KMUTT), 4 from Suranaree University of Technology (SUT), 32 from Bandung Institute of Technology (ITB), and 29 from National Taiwan University (NTU) participated, forming a multinational team of approximately 173 members including accompanying faculty and staff.
During the program, participants were divided into nine groups to work on projects aimed at achieving both disaster resilience and livability, incorporating elements such as evacuation shelter placement, zoning based on ground conditions, and consideration for language barriers. In the initial stages of group activities, a bridge contest was held as an icebreaking activity. In this contest, participants competed to build bridge models using limited materials and test their structural performance. This activity not only deepened friendships among participants but also promoted understanding of fundamental structural mechanics in civil engineering. The process of students from different cultural backgrounds sharing creative ideas and collaboratively solving problems established a foundation for positive working relationships in subsequent group work.
Cultural exchange opportunities were provided through yukata workshops conducted separately for each university. These workshops offered valuable experiences with traditional Japanese culture and played an important role in deepening cultural understanding beyond technical discussions. Participants expressed that their understanding of Japanese culture was significantly enhanced.
Each participating university presented their respective countries' and regions' approaches to civil engineering and research achievements. This enabled participants to deepen their understanding of diverse approaches and challenges in civil engineering across different countries. Particularly regarding climate change response and disaster risk management, various solutions adapted to each country's geographical and social characteristics were shared.
Site inspections in and around Tokyo were conducted during weekends throughout the program period. Participants visited actual

Image2 Group activity (1)

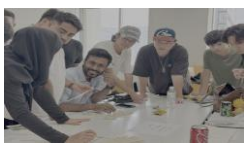

Image3 Group activity (2)

Image4 Group activity (3)

Image5 Cross-cultural exchange

Image6 Students and instructor in the classroom

Image7 Students giving their final presentations