

AY2024 Global PBL (Inbound) Performance report

SIT+AIT+KU+KMUTT+SUT+ITB+NTU gPBL: Workshop on Resilient Infrastructure and Sustainability in Asia

Date	Place	Partner Organization	Students' Major and Grade	Participants' Information	SIT Instructor
2024/9/17 - 2024/9/26	Japan	Shibaura Institute of Technology (SIT) Asian Institute of Technology (AIT) Asian Institute of Technology (AIT) Kasetsart University of Technology Technology (Technology (SUT) Suranaree University of Technology (SUT) Bandung Institute of Technology (ITB) National Taiwan University (NTU)	# Civil Engineering # Undergraduate 1st grade; Undergraduate 2nd grade; Undergraduate 3nd grade; Undergraduate 4th grade; Master 1st grade; Master 2nd grade	(Shibaura Institute of Technology (SIT) Studentis 36, Studenti Staff 13; Professor 1; Staff 1 [Asian Institute of Technology (AIT)] Students 24, Professor 1; Staff 1 [Asian Institute of Technology (AIT)] Students 21; Professor 5 [King Mongitz University (FU)] Students 31; Professor 1 [Suranaree University of Technology Students 4; Professor 1 [Suranaree University of Technology (SIT)] Students 4; Professor 1 [Suranaree University of Technology (TB)] Students 22; Professor 1 [National Taiwan University (NTU)] Students 32; Professor 2 Total: 159	Inazumi, Shinya (College of Engineering)



Fig. 1 Group photo

A global PBL on 'Resilient Infrastructure and Sustainability in Asia' was held at the Toyosu Campus of Shibaura Institute of Technology. The program brought together 35 students from the Department of Civil Engineering at Shibaura Institute of Technology and participants from various Asian countries. Specifically, there were 24 students from Asian Institute of Technology (AT), 21 from Masetsart University (KU), 13 from King Monglut's University of Technology. Thomburi (KMUTT), 4 from Suranaree University of Technology (TB), and 13 from National Tawan University (XIVI), making at 16 fibs participants from a wide range of countries. This multinational team cotlaborated on projects that deepened both their technical knowledge and cultural understanding.

During the global PBL, participants had the opportunity to engage in cross-cultural experiences through various events. For example, the Vukstat (light cotton kinnon) workshop allowed them to experience traditional Japanese culture. This not only promoted international exchange, but also provided participants with a deeper understanding of different cultures. Such cultural exchanges not only facilitated technical discussions, but also improved overall communication. Participants also attended the Geotechnical Engineering Forum 2024 at Tokyo Big Sight, where they had a valuable opportunity to observe Japan's cutting-edge geotechnical technology firsthand. Technologies for mitigaling soil liquefaction and developing disaster resilient infrastructure were shouscased, providing solutions to challenges common throughout Asia. Participation in this forum further simulated discussions within the group's activities and helped shape technical solutions.

In addition, a special lacture was part of the program to helpe students gain a deeper understanding of infrastructure development that addresses climate change. This provided students with not only theoretical knowledge, but also practical perspectives on the need for infrastructure were divided into 10 groups where they



Fig. 2 Students listening to a lecture



Fig. 3 Group activity



Fig. 4 Forum participation



Fig. 5 Cross-cultural exchange



Fig. 6 A light meal party



Fig. 7 Students during their final