

Global Workshop on the Creation of Technology for the Prevention and Mitigation of Natural Disasters in Taiwan and Japan

Date	Place	Partner Organization	Students' Major and Grade	Participants' Information	SIT Instructor
2026/03/02 ~2026/03/10	Taiwan	National Taiwan University Asian Institute of Technology	<ul style="list-style-type: none"> •Department of Civil Engineering, Urban Infrastructure and Environment, Civil Engineering, Department of Planning, Architecture and Environmental Systems, Department of Architecture •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 73, Student Staff 8, Professor 1 (National Taiwan University) Students 30, Professor 3, Staff 3 (Asian Institute of Technology) Students 20, Professor 1	INAZUMI Shinya(Civil Engineering Urban Infrastructure and Environment)



Image1 Group photo at National Taiwan University (NTU)

From March 2 to 10, 2026, the Civil Engineering Global PBL program, "Waves of Wonder: Technology and Discovery," took place in Taipei. It was co-hosted by the Shibaura Institute of Technology (SIT), the National Taiwan University (NTU), and the Asian Institute of Technology (AIT). Eighty-one students (including TA students) from SIT's Department of Civil Engineering and Civil Engineering Program participated in this gPBL program. The students formed mixed teams with 30 NTU students and 20 AIT students. They engaged in discussions and collaborative work, all of which was conducted in English. The program included three field visits: a deep excavation site near MRT Zhongyuan Station, an electrical cable tunnel near Songshan Station, and the construction site of the super high-rise "Taipei Twins." Research presentations by NTU doctoral students and postdoctoral researchers and practical lectures by some cooperative companies and a company shared cutting-edge insights across fields such as disaster prevention, geotechnical engineering, structural engineering, and hydraulic engineering. Group work sessions were held eight times during the program. On the final day, each team delivered an English presentation showcasing their outcomes to faculty and practitioners from Japan, Taiwan, and Thailand. The program concluded successfully, providing participating students with a valuable opportunity to experience practical learning, which is difficult to achieve solely in the classroom. Through repeated discussions in English with NTU and AIT students from different cultural backgrounds, as well as by experiencing actual construction and disaster prevention sites, the program fostered a practical understanding of specialized knowledge, international communication skills, and problem-solving abilities. Confronting the common challenge of natural disasters faced by Japan, Taiwan, and Thailand together over the nine-day program provided a significant opportunity for growth for each participating student.



Image2 Group work session (1)



Image3 Group work session (2)



Image4 Mini contest session



Image5 On-site visit scene



Image6 Group photo at on-site visit



Image7 Final presentation scene