

Interanational Exchange Workshop on Disaster Prevention Technologies of geospatial and hydrosphere for natural disasters

Implementation period	Implementing country	SIT's implementation partner organization	Target students	participant	SIT instructor
2019/07/30 ~2019/08/07	Japan	King Mongkut's University of Technology Thonburi	<ul style="list-style-type: none"> Department of Civil Engineering Undergraduate 2nd grade. Undergraduate 1st grade. Undergraduate 3rd grade. Undergraduate 4th grade 	(SIT) Students 19, TA 5, Professor 1 (King Mongkut's University of Technology Thonburi) Students 14, Professor 2	INAZUMI Shinya(Department of Civil Engineering)



Image1

At Shibaura Institute of Technology (SIT), Japan, a global PBL was held with the theme of proposing disaster prevention and mitigation technologies that protect the geosphere and hydrosphere from natural disasters (such as heavy rain disasters) common to Japan and Thailand. The undergraduate students of Department of Civil Engineering (DCE) at SIT participated in this program and collaborated with students of DCE at King Mongkut's University of Technology Thonburi (KMUTT) to propose the creation of a urban resilient to natural disasters. Specifically, The participating students toured construction sites related to ground disaster prevention in Tokyo, and also visited the Tokyo Bay, which is under construction for the Tokyo Olympics 2020 as an example of ideal urban creation. The group discussed, announced and shared the results. In addition, lectures on ground disaster prevention in Thailand, especially construction sites related to ground improvement and sites where slopes collapsed, understood the threat of natural disasters (such as heavy rain disasters) in Bangkok, Thailand. The participating students also understood the current state of disaster prevention and mitigation technologies. Furthermore it was a good experience to understand what students who major in civil engineering in other countries were thinking about and what they were aiming for through English. The participating students of DCE at the SIT were able to enjoy working in English on an equal basis with the students of DCE, KMUTT.



Image2



Image3



Image4



Image4



Image5