■ Site visit to Chiang Rai and Chiang Mai landslide monitoring areas in Thailand

NICT is participating a project "Establishment of a Landslide Monitoring and Prediction System" (Principal researcher: Professor Akihiko Wakai, Gunma University Graduate School of Science and Engineering) under the "e-ASIA Joint Research Program (" e-ASIA JRP ")" by the Japan Science and Technology Agency (JST)
This project is a multilateral joint study of Japan, Thailand, and Vietnam, and research is underway to reduce damage caused by landslide disasters in Asian countries. The representative organizations of each country are the National Research Center for Electronic Computer Technology, Thailand and the Faculty of Civil Engineering, Chuiloi University, Vietnam. NICT and Teikyo Heisei University are also participating in this from Japan.
NICT conducted a field survey in Chiang Rai Province and Chiang Mai Province in northern Thailand with members from Japan and Thailand from February 8 to 11, 2020.

In Chiang Rai Province, we visited Doi Chiang Village, which is also a coffee producing region, and examined the landslide activity, which is a local issue, based on topographic and geological surveys.

Doi Chiang village

Site of crack in the ground

Meeting at the site

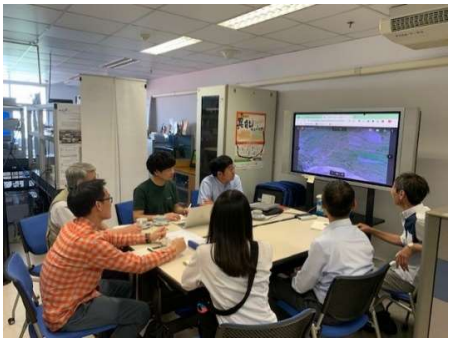
In Chiang Mai Province, a survey was conducted in Doi Pui village of Hmong, which is said to have roots in southern China or Burmese. As a hill tribe, the Hmong are famous for wearing gorgeous embroidered clothes. In this project, we studied how to send a landslide disaster warning to this village, which is also a tourist destination. In the future, we will introduce an early warning system and aim to strengthen the disaster prevention capabilities of this village.

Site of Small-scale collapse

View of mountain village

Geological survey

On the final day of this survey, a field survey was also compiled at NICT Asia Center.



From left: Kimura san, Sato san, Kono, Yamazaki san, VAN THANG NGUYEN san, Watanabe san