

Technical Talk by visitor from King Mongkut's Institute Technology Ladkrabang, Bangkok, Thailand

By: Dr. Kuan Woei Keong

In conjunction with the MOU signing with King Mongkut's Institute Technology Ladkrabang (KMITL), Bangkok, Thailand in 2017, the head of Department of Civil Engineering, Dr. Arthit



Petchsasithon was invited to deliver a technical talk to the faculty members on the 24th April 2019. The talk covered the practice and implementation of Earthquake Design of Buildings in Thailand. In his presentation, details of the development of seismic design requirements for buildings in Bangkok,

earthquake risk of buildings and failure mode of concrete structures caused by earthquake were shared with the participants. The technical talk has ended with fruitful Q & A session. The talk has also attracted participants from the Institute of Engineers Malaysia (IEM) Penang Branch. During his visit, a discussion on future collaboration in research and staff exchange program was held with the faculty members. It is hoped that this collaboration will continue and benefit both sides.

Do you know where do earthquake happen?

Earthquakes usually occur on the edges of large sections of the Earth's crust called tectonic plates. These plates slowly move over a long period. The edges of the plates or known as the fault lines can get stuck, but the plates keep moving. Pressure slowly starts to build up where the edges are stuck and, once the pressure gets strong enough, the plates will suddenly move to cause an earthquake.