

**DR. APINITI JOTISANKASA** is currently an Assistant Professor at the Department of Civil Engineering, Kasetsart University Bangkok. After obtaining his BEng degree in Civil Engineering from Kasetsart University in 1999, he pursued his MSc and PhD in Soil Mechanics at Imperial College London with the generous support of the Anandamahidol Scholarship from Thailand. His research topics for the PhD degree was on the Collapse behaviour of a compacted silty clay: the work which culminated in several world-leading journal papers such as *Geotechnique*, and the *ASCE Journal of Geotechnical and Geoenvironmental Engineering*. After being awarded the PhD degree in 2005, he started working for Kasetsart University as a lecturer in geotechnical engineering and his research area has been mainly on application of unsaturated soil mechanics on practical geotechnical engineering problems, such as rainfall-induced landslide, excavation, embankment stability, bio-slope engineering, geohazard mitigation, etc. He also lead a team consisting of geotechnical as well as electrical engineers who develop a wireless system for monitoring of slope behaviour such as pore water pressure (negative/positive) and slope movement. Dr Apiniti is the recipient of the Best paper award (Geotechnical Engineering) in the National Convention in Civil Engineering 2009 from the Thai Geotechnical Society and Chai Mukthabhan foundation for his work on the behaviour of instrumented volcanic soil slope subject to rainfall. In 2011, he was awarded the Young Technologist Award from the Foundation for the Promotion of Science and Technology under the Patronage of His Majesty the King of Thailand. Dr. Apiniti has been secretary general of the Thai Geotechnical Society since 2009 and currently a member of the TC106 (Unsaturated soils) of the International Society of Soil Mechanics and Geotechnical Engineering.