

Engineer Lim Peng Hong

Engineering '83, MSc '86

Scaling Engineering Heights

Professional civil engineer Lim Peng Hong likens every engineering project to climbing a mountain, an endeavour he never gives up on, no matter how challenging. This explains why he has conquered many notable projects in Singapore and abroad over his more than 40-year career.

He is a Specialist Accredited Checker for Geotechnical Engineering Works, and a Registered Professional Engineer for Geotechnical Engineering. Er. Lim played a key role in the geotechnical engineering and infrastructure development of Singapore's Gardens by the Bay and designed and managed the construction of the Ministry of Home Affairs Headquarters. He was also the specialist design reviewer of Changi Airport's Terminal 4 and Tuas Finger Pier 2.

Er. Lim also contributed greatly to MRT projects like the Downtown Line 2, the Circle Line, and the North East Line Extension. He was also involved in the Kallang-Paya Lebar Expressway, the Marina Coastal Expressway, and the Deep Tunnel Sewerage System.

Beyond Singapore, he oversaw 130 km of road network in the Mizoram State Roads Project in India, project managed key components of the Bosphorus Strait Rail Crossing in Turkey, and was involved in a public transportation study in Tianjin, China, for the World Bank.

His love for the profession has led him to a second term as President of the Professional Engineers Board while serving as Managing Director of specialist engineering consultancy PH Consulting Pte Ltd. He was also formerly the President of the Association of Consulting Engineers Singapore (ACES).

The NUS Engineering graduate, who also attained a Master of Science in Civil Engineering, mentors young engineers and NUS graduates, and has supported bursaries for needy students. Er. Lim also served as Deputy Chair and a member of the Industry Advisory Board for the NUS Department of Civil and Environmental Engineering from 2019 until he assumed the role of Chairman in 2025. He is also the Deputy Chairman of the Mandai Wildlife Reserve Environmental Advisory Panel, and was appointed to the NUS College of Design and Engineering College Advisory Board in 2025.

For his contributions, Er. Lim received the Distinguished Engineering Alumni Award from the NUS Faculty of Engineering in 2018 and the Lifetime Achievement Award from ACES in 2017. He has also been awarded Design Excellence Awards from ACES, and the Prestigious Engineering Achievement Award from the Institution of Engineers, Singapore, in addition to National Heritage Awards for his conservation projects.