

Geotechnical Society of Singapore

Seminar on:

**Report Back Session on a Collaborative Geotechnical Challenge Project
"Are we overdesigning?"**

Jointly conducted by GeoSS, HKGES, ISGE & MGS

Organised by



Date	4 February 2021
Time	17:00 – 18:00 hours (SG/HK/MY) 16:00 – 17:00 hours (JKT) Pending PDU Points
Place	Online Meeting via Zoom – You will receive the link after you have successfully registered your attendance

SYNOPSIS

We are pleased to announce the completion of online survey for "Are we overdesigning?" Geotechnical Challenge - Supported by GeoSS, HKGES, ISGE & MGS in collaboration with the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) Corporate Associates Presidential Group (CAPG).

We would like to invite all the Geotechnical Engineers in the region to join us in the "Report Back" online session, comprises the expert review on the Geotechnical Engineering Design for footing, pile, slope, and earth retaining stabilising structure.

This "Report Back" online session will be presented by Dr. Ng Tiong Guan (B. Eng (Hons), PhD, PEng, QECP), a member of the Technical Committee on Civil and Geotechnical Works (TC CGW), under the Singapore Standards Council.

The Geotechnical Design Challenge is a unique opportunity to be a part of an international sample of geotechnical professionals who represent the state of practice in their respective regions. The collected data will be used to advance our understanding of the degree of overdesign in geotechnical engineering and hopefully result in educating the community about creating safe and economical designs for the future.

About the Speaker

Er. Dr. Ng Tiong Guan
Golder Associates (Singapore) Pte Ltd

Dr Ng Tiong Guan obtained his PhD degree in 1999 from NUS. He is a Principal and Executive Director of Golder Associates (Singapore) Pte Ltd.

Dr Ng is the past president of the Geotechnical Society of Singapore (GeoSS) for the term 2014-2015. He is currently a member of the Technical Committee on Civil and Geotechnical Works (TC CGW), under the Singapore Standards Council.

Dr Ng has more than 20 years of experience in geotechnical consultancy works. He involves in the design and supervision of deep foundation, deep excavation, earth retaining system, ground improvement and tunneling works in Singapore and the countries in the region. Major projects involved include Kim Chuan Depot (C821), Kallang Paya Lebar Expressway Contract C421, Marina Bay Sands WP8402 – cut and cover tunnels below Bayfront Avenue, Promenade Station (C902), Bayshore Station and Tunnel (T310), Land preparation and infrastructure works for Changi T5 development.

Dr Ng's expertise also include ground instrumentation and forensic studies of geotechnical failures. He involved in the study of foundation failure and remedial works for a commercial building at Church Street; and the collapse of earth retaining system and its impact to surrounding buildings at Lengkong Tiga and Nichol Highway MRT tunnel Contract 824.



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