



Malaysian Geotechnical Society

Webinar – Talk On “Introduction on Deep Excavation and ERSS Design”

By Er. Mickey Yu

4th October 2022 (Tuesday) 4.00 p.m. to 6.00 p.m.

BEM Approved CPD Hours: 2 Ref. No.: IEM22/PP/117/T (w)
Qualified for 2 PDU's by PEB

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Synopsis

Urbanization is evolving at an unprecedented speed in Asia, and this has led us to develop infrastructure deeper underground in a denser urban setting more than ever. MRT, underground road tunnels, deep sewage tunnels, underground storage tanks and even sewage treatment plants are being relocated to underground, in order to free up precious land in the city area. To achieve this, deep excavation is inevitable. So, how do we carry out deep excavation in a safe and controlled manner? What are the considerations in the deep excavation and ERSS design? This talk will introduce the common ERSS techniques, and major considerations in the scheme development and specific ERSS designs. Several interesting case experiences of ERSS design in both Hong Kong/Singapore will also be shared accordingly in this webinar.

About The Speaker



Er. Mickey Yu is currently a Technical Director of AECOM Hong Kong and a seasoned engineer with 22 years of professional experiences; a chartered structural engineer (UK) and registered professional civil engineer in Singapore and Hong Kong. He has extensive experiences in the design of deep excavation, cut-and-cover tunnels and underground structures. These includes Temp Works Lead in KL MRT2 underground works package tender design; Qualified Person or Project Manager for large-scale tunnel projects and underground works in Singapore, including Changi Airport T5 APM/BHS tunnel connecting with T2, Megaspine CST tunnel, T2 redevelopment preliminary design, LTA CR102 tender design, JTC Bulim infrastructure DLN tunnel and DTSS2 link sewer; Design manager for Hong Kong XRL West Kowloon Terminus approach tunnel, SCL cross harbour tunnel and Central-Wanchai Bypass road tunnels.

Registration Fee:

MGS / IEM / GeoSS / CTGS Members: **FREE**

Non Members: **RM20.00 per person**



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- ✓ After the payment has been completed, please email the transaction receipt to mgs@mygeosociety.com.
- ✓ Each approved registrant will receive a unique Zoom link for the webinar.
- ✓ Minimum 75% attendance is required in order to obtain a certificate of attendance.

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