Singapore and the South East Asia are developing infrastructure in a big way. There are many underground and tunnelling projects on going in this region. In Singapore, there are underground rail and road projects, underground commercial projects as well as underground services such as cable, water and sewer projects on going. Some of the major underground and tunnelling projects are such as MRT projects Thomson-East Coast Line (TEL), LTA North-South Expressway (NSE), PUB Deep Tunnel Sewerage System (DTSS) Projects. There are many risk factors in the underground and tunnelling projects in various aspects of design and construction. It is important to constantly remind ourselves the existence of many risk factors and what are the good practice to avoid and eliminate such risks. It is also important to constantly be reminded of the lesson learnt from past incidents and case histories, as well as all some good experience to learn from.

This Seminar is specially prepared for developers, contractors, consultants, engineers and qualified site supervisors (QSS) – RE & RTO. We have invited experienced speakers from the academic and industry to present on relevant topics on ensuring safety, good practice to mitigate risks, and valuable learning points from past incidents and project experience.

ENSURING CONSTRUCTION SAFETY AND PROTECT OUR RICE BOWL IN TUNNELING AND DEEP EXCAVATION PROJECTS
Mr. Mohammed Firadus, Corporate Safety Manager
Tiong Seng Civil Engineering

APPLICATION ON GROUND IMPROVEMENT TO MINIMISE GROUND MOVEMENT AND WATER INGRESS IN TUNNELING AND DEEP EXCAVATION PROJECTS
Prof. Chew Soon Hoe, Geotechnical Engineering & Centrifuge Laboratory
National University of Singapore

COLLAPSE OF HEATHROW EXPRESS TUNNELS
Mr. Leslie Pakianathan, Project Director
Changi Airport Group

LENSS LEARN FROM CASE HISTORIES OF SINGAPORE UNDERGROUND TRANSIT CONSTRUCTION AND FUTURE CHALLENGES
Er. David Ng, Executive Director
OneSMART Engineering Pte Ltd

SOURCE LESS SEISMIC, A GEOPHYSICAL TECHNIQUE FOR SOIL IMAGING AND MONITORING DURING TUNNELING WORKS – CASE STUDY: PARIS METRO
Mr. Clement Mogenier, Project Manager
Sixense Group

CHALLENGES IN DEEP EXCAVATION AND TUNNELLING PROJECTS
Dr. Poh Teow Yaw, Geotechnical Engineering Department
BCA

TBM FACE PRESSURE ESTIMATION AND OVER-EXCAVATION ASSESSMENT OF SLURRY TYPE TBM
Mr. Zhang Bin, Principal Geotechnical Engineer
LTA

Date: 10 October 2018
Venue: Singapore Tangs Marriott Hotel
Fees: $267.50 (IES Members / CIJC Members)
$374.50 (Non Members)
CPD Program: STU (Structural/Safety) / PDUs/TUCCS (All to be confirmed)

For more information, please click HERE