

## Evening Talk on “Major International Tunnelling Projects – Lessons Learned: Different Approaches in Different Cultures”

Organised by: Tunnelling and Underground Space Technical Division (TUSTD), IEM & WTC 2020

Managed by: IEM Academy Sdn Bhd

BEM Approved CPD/PDP Hours: 2.0 Ref No: IEM18/HQ/254/T

**Day/Date** : 4<sup>th</sup> July 2018 (Wednesday)  
**Time** : 5.30 pm – 7.30 pm (Refreshment will be served at 4.30pm)  
**Venue** : Tan Sri Ir. Prof. Chin Fung Kee Auditorium, 3rd Floor, Wisma IEM, PJ  
**Presenter** : Prof. Martin Smith

### SYNOPSIS

The use of underground space has undergone a tremendous development in the course of the last 50 years. Are we learning to master the art or is it still a black hole where large sums of money disappear forever? Under the motto “What we cannot see does not necessarily impact on our lives”, the average citizen cannot normally follow events below the surface, as opposed to buildings rising up through the skies which can be seen by all; everyone can join in the debate of “What could have been done better!” Working underground is not everyone’s choice but increasingly we are becoming ever more dependent on the invisible infrastructure such as ubiquitous Wi-Fi, instant satellite transmissions, underground transport systems, storage, utilities and recreation facilities. But are the real lessons learned being disseminated to the next generation? Dale Carnegie once said “The most important personal asset is the will to learn”. IT is not everything, practical experience plays an important role. Feedback is critical, everyone needs to contribute to improve the quality of life. Asking the right questions is the key! But do you understand their language? What are the issue? Join in the lively debate from a different perspective.

### ABOUT THE PRESENTER



**Prof. Martin SMITH** is Professor for Construction Management at ChungAng University, Seoul, and Republic of Korea. He is Managing Director of MATRICS Consult Ltd. Martin Smith graduated in 1969 with B. Sc. (Hons) at University of Manchester, UMIIST. He obtained MICE in 1975. Mr. Martin Smith currently is the Expert International Project Management Project Controls and Construction Management of Hydropower & Dams / Road & Rail Tunnels / Submerged Structures, Founding member of the Swiss Assn. of the Institution of Civil Engineers and European Local Associations Network of the ICE to promote Continuous Professional Development. He has work experiences as Road and Major Earthworks for Motorway Network in UK, Switzerland, Saudi Arabia, South Africa, Pakistan for 10 years; Bridge Design in Switzerland for 2 years; Resident Engineer FIDIC Conditions of Contract and Claims in Dubai, Saudi Arabia, South Africa, Pakistan for 8 years; Director International Contractor in Saudi Arabia & South Africa for 10 years; Expert FIDIC Auditing, Risk Management and Claims for 16 years; Lead Author FIDIC Conditions of Contract Task Group 10 for 4 years (Time approx. due to overlapping mandates). Martin Smith has developed Master’s Degree Course based on Study and Analysis of the following projects employing FIDIC Conditions of Contract such as 400km long coastal highway feasibility study for Algeria – Alignment Proposals, Scheduling and Outline Budget for Employer, Various Railway Projects High Speed Rail and Metro EU – Risk Analysis and Development of Design Procurement of Consultants, Pumped Storage Scheme S. Africa - Risk Analysis and Development of Tender Budget and Detailed Programme for All Works, Run of the River Works S. Asia – Analysis of Claim for Extension of Time due to Delays on Major Earthworks and Structures, Development: Quantum Leap CPD Training Course Managing Teams & Projects – Unusual Outdoor Conditions Bridge Building/OBK\*and Presently Developing 6-D BIM Cost Model to include FIDIC Conditions of Contract, Geotechnical Baseline Reports, Detailed Design, Procurement and Construction linked to Risk, Schedule & Resource Management; Costing and Document Control / Certifications.

**Ir. Khoo Chee Min**  
 Chairman, Tunnelling and Underground Space Technical Division

### ADMINISTRATIVE FEE

(Effective 1<sup>st</sup> October 2017)

#### Members

##### Administrative Fee:

- (a) Online: RM15
- (b) Walk In: RM 20

#### Non-Members

- (a) Registration Fee: RM 50
- (b) Administrative Fee: RM 20

- Non-IEM members may also attend the talk but will need to pay a registration fee of RM50 and an administrative fee of **RM20**.
- Limited seats are available on a "first come first served" basis (maximum 100 participants). To secure your seat, kindly register online at [www.myiem.org.my](http://www.myiem.org.my).
- Kindly be informed that an administrative fee of **RM20** is payable for talks organized by IEM.
- IEM Student Members are however exempted.

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