



Discussion on the Design Practice of Mined Tunnel In Singapore

by Dr. Lee Young Zoo, Principal Engineer, Geoconsult Asia Singapore Pte Ltd
CEE Seminar Room D (N1-B4c-09b) @ Nanyang Technological University
50 Nanyang Avenue

Thursday, 28 April 2016 // 4.30 pm to 6.00 pm

ABSTRACT:

Mined tunnel design in rock mass has been carried out in Singapore for various types of project such as MRT, transport tunnel, storage cavern, sewer tunnel and cable tunnel etc., although commonly adopted code, standard or design guideline are not available in Singapore. Consequently it is experienced that each party such as designer, checker, contractor and client adopt the design philosophy of foreign countries such as NATM or Q-system as per their own understanding or misunderstanding. Open discussion on the current design practice of mined tunnel in Singapore would be beneficial to the industry and also research in relation to the unique conditions of Singapore.

AGENDA

4.30pm - 5.00pm:
Registration & Refreshment

5.00pm - 6.00pm
Seminar

Free Seminar
PDU/STU - TBA

REGISTRATION

To register, please email srmeg@cma.sg with the following information by **22 April 2016**:

- Family Name
- First Name
- Organisation
- Contact No.

SPEAKER:

Dr. Lee Young Zoo studied for Master of rock mechanics in Seoul National University, Korea and PhD of rock mechanics and tunneling in Graz University of Technology, Austria. He have worked for many different contractors and consultant in Korea, Singapore, Hong Kong, Taiwan, India and other countries for more than 16 years as a tunnel engineer and geotechnical engineer for underground structures using drill and blasting, TBM and cut and cover method and various structures related to geotechnical problem such as slope, foundation and retaining structures. Currently Dr. Lee is working for Geoconsult Asia in Singapore as a principal engineer.