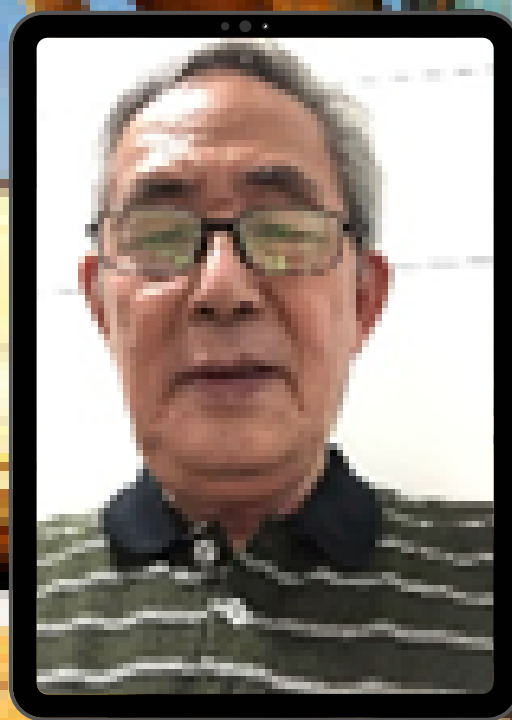




Pre AGM Webinar on Slope Design & Construction Practice

BEM APPROVED CPD/PDP: 2 REF. NO.: IEM21/HQ/155/T(W)

**THURSDAY,
10 JUNE 2021
9.00AM - 11.00 AM**



Speaker : Ir. Neoh Cheng Aik

**Registration Fees
(effective 1st August 2020)**

IEM Members : RM 15.00

IEM Non Members : RM 70.00

Register online | www.myiem.org.my

scan me



SYNOPSIS

The talk will focus on the following issues about slope Design & Construction Practice:

- 1. Introduction to scope of discussion & aims of the talk.**
- 2. Overview of slope design & construction practice with particular reference to SOTP & typical scope of design verification to show compliance with standards/design criteria for fill slopes & cut slopes. Need of basic scope of design validation of important design parameters, predicted performance, etc., are also elaborated.**
- 3. Brief review of history of slope engineering practice in Malaysia with quoted case histories/projects and brief elaborations for the changes in practices.**
- 4. Scope & procedures of slope stability assessment with particular reference to important scope of desk & field studies with illustrated case histories to emphasis the principles involved, using latest techniques.**
- 5. Enlightening statistics about slopes to highlight the common causes for slope failures & typical features characterized by major landslides & lessons learnt**
- 6. Case histories of slope design & construction highlighting fundamental design procedures and acceptance criteria plus the scope of independent checking.**
- 7. Case histories of rock slope stabilization works illustrating how signs of slope distress, indications of weak zones such as geological discontinuities are identified and how effective mitigations against what can go wrong (WCGW) are provided.**
- 8. Concluding remarks.**

SPEAKER'S BIODATA

Ir. Neoh graduated from University of Malaya in 1974 with BE (Hons). He then joined JKR Malaysia in Feb 1974. Has served 25 years in various capacities and posts. After an optional retirement from JKR Malaysia in 1998, he joined Perunding IKRAM Sdn Bhd as Director. After that, he set up E-Geo Consultant Sdn Bhd in 2000 and currently as the director. Where they mainly involved in geotechnical analysis and design for high-rise building foundations, earth retaining structures, slopes, and ground improvements. Also frequently engaged in failure investigation and remediation designs for various geotechnical structures that have encountered distress or failures. Other than that, Ir Neoh also frequently engaged as expert witness for construction disputes in arbitration and court cases. Ir. Neoh was amongst the first batch of accredited geotechnical independent checkers approved/appointed by Board of Engineers, Malaysia. He has been the Chairman of Technical Committee on Geotechnics (TC5), Road Engineering Association Malaysia, (REAM), 1997-2006; Vice President of The Institution of Engineers Malaysia (2004-2006); Chairman of IEM Geotechnical Engineering Technical Division, 1996-1998; Council Member of IEM, 1998-2001; Chairman of Working Group (SIRIM) for Standard Specification for Precast Concrete Piles MS1314, 1992-2000. Ir. Neoh also has published and presented more than 50 technical papers about geotechnical and road engineering in various local and international seminar.