



The Institution of Engineers, Malaysia

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Evening Talk on “A Brief Perspective on Forensic Geotechnics” INCONJUNCTION WITH ENGINEERING WEEK (EW) 2016

(Organised by the Geotechnical Engineering Technical Division, IEM)
BEM Approved CPD/PDP Hours: 2.0 CPD Ref. No: IEM16/HQ/315/T

Day/Date : **Monday, 15th August 2016**
Time : **5.30 pm – 7.30 pm (Registration and light refreshment will commence from 4.30 pm)**
Venue : **Tan Sri Ir. Prof. Chin Fung Kee Auditorium, 3rd Floor, Wisma IEM, PJ**
Presenter : **Ir. Yee Thien Seng**

SYNOPSIS

Failures do occasionally occur in natural and engineered features involving the ground to leave the usage of facilities at or adjoining the ground failures severely disrupted. It follows that the correct diagnosis or forensic geotechnics findings to the cause of a failure is imperative for appropriate retrofitting works to be formulated to restore utility to the affected facilities. An undetermined or incorrectly established cause for a failure would likely lead to the unsuitable choice of restorative measures and may pose great danger to their execution or, worse, lead to the failure being exacerbated.

A ground failure may also be looked upon as the conclusion of a prototype test and would offer the opportunity to possibly discover any previously unknown root cause for a similar class of failures. This has the role of potentially contributing towards advancing the understanding of the pertinent engineering processes involved for the benefit of the engineering industry and society at large. Another objective of rising importance for forensic geotechnics is the assignment of liabilities for a failure with little doubt to relevant parties. To this end, the importance of employing correct and consistent fundamental soil and engineering mechanics for credible forensic geotechnics work is emphasised.

Keywords: *Ground failure, Diagnosis, Fundamental mechanics.*

ABOUT THE PRESENTER



Ir. Yee Thien Seng is the Chairman of Geotechnical Engineering Technical Division. Ir. Yee is the principal of Geo.Consult, a practice offering expert and specialist consultancy to the construction industry; in particular on geotechnical engineering aspects. He has authored/co-authored more than a dozen technical papers in local and international conferences. Ir. Yee is an expert witness and accredited checker for design of geotechnical engineering works registered with the Board of Engineer Malaysia.

Ir. Yee Thien Seng

Chairman, Geotechnical Engineering Technical Division, IEM

ANNOUNCEMENTS TO NOTE

1. Preferential admission to talk shall be accorded to IEM members (**pre-registration and online registration are NOT required**). **Telephone and/or fax reservation will NOT be entertained.**
2. **Non members** may also attend the talk but will need to pay a registration fee of **RM 50** and an administrative fee of **RM 15**. GST is inclusive.
3. For members of affiliated organisations, there will be no registration fee payable. However, they are requested to produce their membership card as proof of membership. For the list of affiliated organisations, please refer to IEM website at www.myiem.org.my under International / MoU.
4. Limited seats are available on a "first come first served" basis (maximum 100 participants).
5. IEM members are required to produce membership cards for confirmation of attendance (CPD purpose).
6. Late comers will not be allowed to enter if the lecture hall is full nor be entitled to CPD.
7. **IEM members who fail to produce their membership cards will be charged a fee of RM 25. GST is inclusive.**

ADMINISTRATIVE FEE

1. Kindly be informed that an administrative fee of RM 15 is payable for talks organized by IEM.
2. The fee would be used to cover overhead costs, building maintenance expenses as well as to contribute to Wisma IEM Building Fund.
3. All contributions will be deeply appreciated by IEM.
4. Student Members are however exempted.

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Membership No. / Grade:

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