



The Institution of Engineers, Malaysia

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Evening Talk on Failures of Geotechnical Works in Coastal Soft Ground

Organised by the Geotechnical Engineering Technical Division, IEM
BEM Approved CPD/PDP Hours: 2.0 Ref No: IEM15/HQ/155/T

Date/Day : Wednesday, 13 May 2015
Time : 5.30 pm – 7.30 pm
Venue : Tan Sri Ir. Prof. Chin Fung Kee Auditorium, 3rd Floor
Wisma IEM, Petaling Jaya
Speaker : Ir. Chen Chean Sin

SYNOPSIS

Quaternary deposits composed of soft clayey soil are commonly found along the coastal areas at Peninsular Malaysia. The thickness of this soft deposit may vary from few meters to more than 30 meters. Due to its very low soil strength and highly compressible characteristics, geotechnical works such as foundation construction, piling, earthworks etc, carried out on this type of soft deposit face many problems not only during construction stage but also after the completion of works. Failures are not uncommon especially when the works were not carried out properly or lack of proper control. The failures may happen during construction or after the works were completed. In general, causes of failure could be inadequate information or design flaws during planning and design stages, poor workmanship or poor implementation plan and skill during construction stage. To ensure the geotechnical works can be carried out successfully during and after the construction in coastal soft ground, sufficient subsoil information, analysis and design, proper planning of the construction sequences as well as work supervision are the key elements.

PROFILE OF SPEAKER



Ir. Chen is currently a Technical Director of SSP Geotechnics Sdn Bhd. He obtained his Bachelor of Science from the Department of Civil Engineering of National Taiwan University, Taiwan and Master of Science in Geotechnical Engineering from University of Illinois at Urbana-Champaign, USA. In the past twenty over years, he had been involved in many local and oversea projects including hill site development, soft ground treatment, land reclamation, deep basement excavation and foundation design, failure investigation, remedial design and others. He is a registered PE with BEM, Council Member of ACEM and Fellow of IEM.

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-IEM members may also attend the talk but will be charged a registration fee of RM 50.00 and an administrative fee of RM15.
3. For affiliate members, there will be no registration fee. However, they are requested to produce their membership card as proof of membership. For the list of affiliates, please refer www.myiem.org.my/content/memorandum_of_understanding-469.aspx.
4. Limited seats are available on a "first come first served" basis (maximum 110 participants).
5. IEM members are required to produce your membership cards for confirmation of attendance (CPD purpose).
6. Latecomers will not be allowed to enter if the lecture hall is full nor be entitled to CPD. IEM members who fail to produce their membership cards will be charged a fee of RM 25.00.

ADMINISTRATION FEE

1. Kindly be informed that IEM will be charging participants RM 15.00 as an administrative fee for talks organized by IEM.
2. The fee will be used for overhead costs, building maintenance expenses as well as to support the purchase of Wisma IEM.
3. Student Members are however exempted.
4. Your understanding is much appreciated.

CPD/PDP HOURS CONFIRMATION

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