

REGISTRATION

TWO-DAY SHORT COURSE ON GEOTECHNICAL ENGINEERING RESIDUAL SOILS (GERS) SYSTEMS

Name(s)	IEM M'ship No. /Grade	Fees (RM)
SUB TOTAL		
ADD GST @ 6%		
TOTAL PAYABLE		

Company: _____
 Address: _____

Mobile: _____ Tel(O): _____ Fax: _____
 E-mail: _____

(Please write clearly as the "Confirmation Notification" will be sent via email)

Contact Person: _____ Designation: _____

Signature: _____ Date: _____

PAYMENT DETAILS

Cash RM _____

Cheque no. _____ for the amount of RM _____
 (non-refundable) and made payable to "THE INSTITUTION OF ENGINEERS, MALAYSIA" and crossed 'A/C Payee Only'.

Terms & Conditions:

- For ONLINE REGISTRATIONS, only ONLINE PAYMENT is applicable [via RHB and Maybank2u- Personal Saving & Personal Current: Credit Card – Visa / Master Card]
- Payment via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK -IN will be considered as NORMAL REGISTRATION
- For online registrations, please note that **payment MUST be made on registration.**
- **FULL PAYMENT** must be settled before commencement of the course, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participants fail to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non refundable. Registration fee includes lecture notes, refreshment and lunches.
- The Organising Committee reserves the right to cancel, alter, or change the program due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes. In view of the limited places available, intending participants are advised to send their registrations as early as possible so as to avoid disappointment.

Organised by:
 Geotechnical Engineering Technical Division,
 The Institution of Engineers, Malaysia

**TWO-DAY SHORT COURSE ON
 GEOTECHNICAL ENGINEERING IN RESIDUAL
 SOILS (GERS)**

Speaker

Professor Dr. Laurence Daniel Wesley

Date / Day

26th – 27th July 2017 (Wednesday - Thursday)

Time

9.00am – 6.00pm

Venue

**Auditorium Tan Sri Prof. Chin Fung Kee, 3rd Floor,
 Wisma IEM, Petaling Jaya, Selangor Darul Ehsan**

REGISTRATION FEES (GST NOT INCLUDED):

Grade	Normal Fee	Online Fee
IEM Student Member	RM 500.00	RM 400.00
IEM Member	RM 800.00	RM 700.00
Non IEM Member	RM 1,600.00	RM 1,400.00

Closing Date: 19th July 2017

**GST is implemented
 effective 1 April 2015**

**BEM Approved CPD/PDP Hours: 13
 Ref. No: IEM17/HQ/183/C**

COURSE OUTLINE

The principle objective of the course is to equip geotechnical engineers with the knowledge and understanding they ought to have in order to undertake projects in areas of residual soils. The course covers the basic properties of residual soils and the environment they are found in. Particular attention is given to the pore pressure and seepage state below and above the water table. A number of worked examples are covered during the course. Participants to the course need to bring along their calculators to handle the worked examples.

WHO SHOULD ATTEND?

This course is intended for those who are fully conversant with basic soil mechanics, at least as far as sedimentary soils are concerned. At the same time, the course is a useful review of several basic aspects of soil mechanics.

BIODATA OF SPEAKER



LAURENCE DANIEL WESLEY

Professor Dr. Laurence Wesley has an M.E. from the Auckland University, and a PhD from Imperial College, obtained under the guidance of Professor A.W. Bishop.

His work experience as a geotechnical engineer covers eight years with the Indonesian Public Works Department, five years with the New Zealand Ministry of Works, and eleven years with the Auckland consulting company, Tonkin and Taylor. Following this he spent eighteen years as a senior lecturer at Auckland University. During his time with Tonkin and Taylor he was involved in a variety of projects in Indonesia and Malaysia. The latter included foundations of buildings in Kuala Lumpur, the Sungai Layang Dam in Johore Bahru, site development at Prai, (near Penang), and the highways from Kuala Lumpur to Karak and from Kuala Krai to Gua Musang.

His special research interest has been the properties of residual and volcanic soils. Other research interests include reinforced earth, landfills, groundwater and seepage. He has published many papers on residual soils, and his recent publications include the following two text books, both published by John Wiley and Sons, New York:

- I. *Fundamentals of Soil Mechanics for Sedimentary and Residual Soils* 2009,
- II. *Geotechnical Engineering in Residual Soils*, 2010.

This course is an abbreviated version of the material covered in the second book.

TENTATIVE PROGRAMME

TIME	DAY 1	DAY 2
08:30am – 09:00am	Registration	
09:00am – 11:00am	Fundamental Aspects of Residual Soil Behaviour	Shear Strength of Residual Soils
11:00am – 11:15am	Tea Break	
11:15am – 13:00pm	Evaluation, Characterization, and Classification of Residual Soils	Bearing Capacity and Earth Pressures
13:00pm – 14:00pm	Lunch	
14:00 – 15:30pm	Pore Pressures and Seepage Conditions Above and Below the Water Table	Slope Stability and Slope Engineering
15:30 – 15:45pm	Tea Break	
15:45 – 17:00pm	Consolidation and Settlement	Compaction of Residual Soils
17:00 – 17:30pm	Conclusions	Conclusion
17:30pm – 18:00pm	Question and Answer Session	Question and Answer Session
18:00pm	End of Day 1	End of Course

CANCELLATION POLICY

IEM reserves the right to postpone, reschedule, allocate or cancel the course. No cancellation of registration will be accepted 1 day prior to the date of the event or during the event day. Replacement of substitute name and additional fees however, can be made at least 3 days prior to the event date.

PERSONAL DATA PROTECTION ACT

I have read and understood the IEM's Personal Data Protection Notice published on IEM's website at <http://www.myiem.org.my> and I agree to IEM's use and processing of my personal data as set out in the said notice.