

REGISTRATION FORM

2-Day Course on

“Practical Approach to Residual Soil Behaviour for Geotechnical Engineering Analysis, Design and Construction (RSGE)”

by Professor Dr. Laurence Daniel Wesley

Jointly organised by IEM Training Centre Sdn Bhd & Geotechnical Engineering Technical Division (GETD), IEM

Please Tick	Date	Venue
<input type="checkbox"/>	18 & 19 June 2018	Bougainvilla Room 1, Promenade Hotel, Kota Kinabalu, Sabah
<input type="checkbox"/>	21 & 22 June 2018	Sarawak Chamber 1, Riverside Majestic, Kuching, Sarawak

No	Name(s)	M'ship No.	Grade	Fee (RM)*
TOTAL PAYABLE				

*Course fee is GST inclusive and HRDF Claimable.

Enclosed herewith a crossed cheque No: _____ for the sum of RM _____ issued in favour of **“IEM Training Centre Sdn Bhd”** and crossed ‘A/C payee only’. I/We understand that the fee is not refundable if I/We withdraw after my/our application is accepted by the Organising Committee as stated in the **cancellation term**. If I/We fail to attend the seminar, the paid registration fee will not be refunded.

Contact Person: _____ Designation: _____

Name of Organization: _____

Address: _____

Telephone No.: _____ (O) _____ (Fax)

_____ (H) _____ (HP)

Email: _____

Signature & Stamp

Date

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BEM Approved CPD Hours : 15 Reference No. : IEM18/HQ/073/C

Grade	Offline Rate	Online Rate
IEM Member	RM1,060.00	RM1,007.00
Non IEM Member	RM1,590.00	RM1,537.00

TERMS & CONDITIONS:

- Payment via CASH / CHEQUE / BANK-IN TRANSMISSION
- FULL PAYMENT must be settled before the closing date, which is one week before the event. 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.
- Fee paid is not refundable. Registration fee includes lecture notes, refreshment.
- **IEM Training Centre 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.**

PAYMENT METHOD

- Local Cheque / Banker's cheque made payable to: **“IEM TRAINING CENTRE SDN BHD”**.
- Directly bank in or online transfer to:- (Please forward soft copy of payment slip)

IEM TRAINING CENTRE SDN. BHD.
Malayan Banking Berhad, Account no. 514169143176

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.

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 aspects of basic soil mechanics and Practical Problems.

BIODATA OF SPEAKER



Dr 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
- Eleven years with the Auckland consulting company, Tonkin and Taylor.
- Eighteen years as a senior lecturer in soil mechanics 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 Earth Dam in Johore Baru, 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 text books, two published by John Wiley and Sons, New York;

1. *Fundamentals of Soil Mechanics for Sedimentary and Residual Soils (John Wiley and Sons)*
2. *Geotechnical Engineering in Residual Soils (John Wiley and Sons)*
3. *Mekanika Tanah Edisi Baru (in Indonesia)*
4. *Mekanika Tanah untuk Tanah Endapan dan Tanah Residu (Indonesian translation of the first book above)*

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Session / Time	Material Presented	Worked examples
FIRST DAY		
8.00 am – 8.30 am	Registration	
8.30 am – 9.30 am	Fundamental Aspects of Residual Soil Behaviour	Short and long-term stability of a cut slope
9.30 am – 10.00 am	Tea & Networking	
10.00 am – 12.00 pm	Evaluation, Characterization, and Classification of Residual Soils	
12.00 pm – 1.00 pm	Lunch & Networking	
1.00 pm – 3.00 pm	Pore Pressures and Seepage Conditions Above and Below the Water Table	Pore pressure changes in clay caused by rainfall
3.00 pm – 3.30 pm	Coffee & Networking	
3.30 pm - 6.00 pm	Consolidation and Settlement	Surface foundation design for a four-storey building on residual clay
SECOND DAY		
8.00 am – 8.30 am	Registration	
8.30 am – 9.30 am	Shear Strength of Residual Soils	Completion of above example
9.30 am – 10.00 am	Tea & Networking	
10.00 am – 12.00 pm	Bearing Capacity and Earth Pressures	Earth pressure on retaining walls supporting cuts in steep slopes
12.00 pm – 1.00 pm	Lunch & Networking	
1.00 pm – 3.00 pm	Slope Stability and Slope Engineering	Completion of above example
3.00 pm – 3.30 pm	Coffee & Networking	
3.30 pm - 6.00 pm	Compaction of Residual Soils Resume, Questions and Discussion	