



THE INSTITUTION OF ENGINEERS, MALAYSIA
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REGISTRATION FORM

No	Name(s)	M'ship No.	Grade	Cost (RM)
TOTAL (RM):				

*****IMPORTANT NOTICE***** All registration fees must be FULLY paid before commencement of the course. IEM reserves the right to refuse entry for participant(s) who have not paid their registration fees to attend the course. THIS REQUIREMENT WILL BE STRICTLY ENFORCED. **I/We understand that the fee is not refundable if I/we withdraw after my/our registration is accepted but substitution of participants will be allowed. If I/we fail to attend the course, the fee paid will not be refunded.

Name of Organization: _____

Address: _____

Tel(O): _____ Mobile No.: _____

E-mail: _____

Signature: _____ Date: _____

(Please write clearly for confirmation of registration purposes)

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".

(CLOSING FOR REGISTRATION: 5TH JANUARY 2017)

Data Protection Act

- ✓ I have read and understand 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.

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 or substitute name and additional fees however, can be made at least 3 days prior to the event date.



The Institution of Engineers, Malaysia

SEMINAR AND FORUM ON KNOWLEDGE BASED-SLOPE SAFETY MANAGEMENT AND BUFFER GUIDELINES FOR HILLSITE DEVELOPMENT

Date:
9th & 10th January 2017

Time:
9.00 am to 5.30 pm

BEM APPROVED
CPD/PDP HOURS: 12
REF. NO.:
IEM16/HQ/550/S

Presenter:
Ir. Chan Yun Cheung, Ir. EG Balakrishnan, En. Zamri Ramli, Ir. Hj. Zainal Arshad bin Mohd Amin, En. Mohd Taufik bin Haron and Ir. Dr Chin Yaw Ming

Venue:
Auditorium, Wisma IEM, Petaling Jaya, Selangor

Organised by:
Geotechnical Engineering Technical Division (GETD), IEM

NEW REGISTRATION FEES (INCLUDING GST)
Website: www.myiem.org.my

Grade	Normal Registration (by fax & email) Payment by cash, credit card and bank-in	Online IEM Registration with Payment Fee (Log-in IEM Website)
IEM Member	RM 848.00	RM 742.00
Non-IEM Member	RM 1,272.00	RM 1,166.00

OUTLINE

Day 1: Knowledge-based Slope Safety Management

The seminar aims at sharing the experience of slope safety management in Hong Kong, in which knowledge development has played an important role. It will cover the following topics:

- Slope safety management in Hong Kong
- Learning from landslides
- The intriguing behaviour of pre-war masonry retaining walls in Hong Kong and extending the knowledge to structural behaviour of gabions
- Priority classification systems for retrofitting sub-standard slopes and landslide warning systems
- Thoughts on the nature of geotechnical knowledge and its management

If time permits, observations by the speaker on ground behaviour at Penang will be shared.

Day 2: Buffer Guidelines for Hillside Development

The buffer guidelines for hillside development has always been a challenging task for developers to comply and manage a viable development. Guidelines also vary within the government agencies. The forum on the buffer guidelines will cover the following areas:

- The rationale for the development of the current guidelines developed by various agencies
- The comparison of the available local guidelines and the impact on the hillside development planning
- The shortcomings on the current local guidelines and the proposed improvement to them to make the guidelines more practical
- Comparison of the existing guidelines to the similar guidelines particularly the Hong Kong practice
- Development of a uniform guideline for the country
- Any other relevant issues related to the buffer guidelines.

Ir. Yee Thien Seng

Chairman, Geotechnical Engineering Technical Division, IEM

Terms & Conditions

- ✓ For ONLINE REGISTRATIONS, only ONLINE PAYMENT is applicable [via Credit 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.

**DAY 1: SEMINAR ON KNOWLEDGE-BASED
SLOPE SAFETY MANAGEMENT
Monday, 9th January 2017**



Presenter: Ir. Chan Yun Cheung
(Former Head of GEO, Hong Kong)

Ir. YC Chan is formerly Head of Geotechnical Engineering Office (GEO), Civil Engineering and Development Department of Hong Kong. He graduated in 1975 from the University of Hong Kong with a BSc in Civil Engineering. He was awarded an MSc in Engineering Geology from the Imperial College of Science of Technology of London in 1981. Ir. Chan received training in the public works department upon graduation and settled down in GEO in 1980. He had since worked for over thirty years in the GEO, starting from the rank of geotechnical engineer. During this time, he witnessed first-hand and took part in the development and implementation of the holistic slope safety management system in Hong Kong that have enhanced public safety significantly. Ir. Chan is a Registered Engineer of the Civil, Geotechnical and Structural disciplines in Hong Kong.

TENTATIVE PROGRAMME (DAY 1)

08:00am	-	09:00am	Registration, Scan-in and light refreshment
09:00am	-	09:05am	Opening Remarks & Introduction by Session Chairman
09:05am	-	10:35am	Session 1
10:35am	-	10:55am	Coffee/Tea Break
10:55am	-	12:25am	Session 2
12:25am	-	12:45pm	Questions and Answers Session
12:45pm	-	02:15pm	Lunch
02:15pm	-	03:45pm	Session 3
03:45pm	-	04:00pm	Coffee/Tea Break
04:00pm	-	04:30pm	Session 4
04.30pm	-	05:30pm	Open Forum
05:30pm	-	05:30pm	End of Day 1

**DAY 2: FORUM ON BUFFER GUIDELINES
FOR HILLSITE DEVELOPMENT
Tuesday, 10th January 2017**

TENTATIVE PROGRAMME (DAY 2)

08:30am	-	08:45am	Registration
08:45am	-	09:00am	Introduction by Session Chairman
09:00am	-	09:45am	Session 5: by Ir. YC Chan
09:45am	-	10:30am	Session 6: by Ir. EG Balakrishnan
10:30am	-	11:00am	Coffee/Tea Break
11:00am	-	11:45am	Session 7: by En. Zamri bin Ramli
11:45am	-	12:30pm	Session 8: by Ir. Hj. Zainal Arshad bin Mohd Amin
12:30pm	-	01:30pm	Lunch
01:30pm	-	02:15pm	Session 9: by En. Mohd Taufik bin Haron
02:15pm	-	03:00pm	Session 10: by Ir. Dr Chin Yaw Ming
03:00pm	-	03:30pm	Coffee/Tea Break
03:30pm	-	05:30pm	Session 11: Open Forum
05.30pm	-	05:40pm	Scan-out and collection of Certificate

**Equivalence of the Buffer Zone Guidelines in
Hong Kong**



Ir. Chan Yun Cheung (Former Head of GEO, Hong Kong)
Ir. YC Chan will speak on the equivalence of the buffer zone guidelines in Hong Kong, and the basis for such.

Comparison of Buffer Guidelines in Malaysia



Ir. EG Balakrishnan (GETD, IEM, Malaysia)
Ir. Bala will discuss all the available buffer guidelines and the implications on the hillside developments. He will also discuss on the possible amendments to the present guidelines considering some flexibility for the viable hillside developments without compromising on the safety.

**Inclusion of Social Input in Buffer
Guidelines**



Ir. Hj. Zainal Arshad bin Mohd Amin
(Jabatan Kerja Raya (JKR), Malaysia)

Currently slope development decisions are based on technical parameters. There are no social parameters driving these decisions, although impacts of slope failure are often experienced by members of society. This presentation serves as a step towards inclusion of social input. The public perception, expectation and tolerability of landslide risk in Malaysia for enhancing the Government understanding of public attitudes towards landslide risk and facilitating landslide risk management and policy decision making.

**Geological Input for Determination of
Buffer**



En. Zamri Ramli
(Jabatan Mineral & Geosains (JMG), Malaysia)

He will discuss all the geological input used in the buffer determination and the challenges.

Hillside Development and Its Challenges



En. Mohd Taufik bin Haron (IKRAM, Malaysia)

In this topic, he will deeply touched on current phenomena on hillside development and how to tackle those development issues including buffer zones issues and other related technical issues.

**Considerations for Hill Slopes with Some
References to Experiences in Penang**



Ir. Dr Chin Yaw Ming

Dr Chin Yaw Ming is a geotechnical and foundation specialist with about 25 years of comprehensive technical knowledge on deep excavation & heavy foundation as well as hillside development. He graduated from Curtin University of Technology, Perth, Western Australia with a Bachelor of Engineering, a Master of Engineering and a Doctor of Philosophy. Currently, he is a principal of Cym Consult, a geotechnical consultancy firm. He is also an advisor to the Geotechnical Consultancy Unit of Penang Island City Council where he is regularly involved with the hillside developments on Penang Island.