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The Course will be  
 limited to 60  
 Participants

### REGISTRATION FORM

Short Course on Flood Emergency Response Planning  
 14 December 2015 at Tan Sri Prof. Chin Fung Kee, 3<sup>rd</sup> Floor, Wisma IEM, PJ  
**Closing Date : 10 December 2015**

No	Name(s)	M'ship No.	Grade	Fees (RM)*
<b>Total Pledged</b>				

\*Fees MUST be fully paid BEFORE the CLOSING DATE. Seats could only be confirmed upon payment.

Enclosed herewith a crossed cheque No: \_\_\_\_\_ for the sum of RM \_\_\_\_\_ issued in favour of "**The Institution of Engineers, Malaysia**" and crossed 'A/C payee only'. I/We understand that the fees 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 course, the fees will not be refunded.

Contact Person: \_\_\_\_\_ Designation: \_\_\_\_\_

Name of Organization: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone No.: \_\_\_\_\_ (O) \_\_\_\_\_ (Fax)

\_\_\_\_\_ (H) \_\_\_\_\_ (HP)

Email: \_\_\_\_\_

Signature & Stamp

Date

Photocopies are acceptable



**The Institution of Engineers, Malaysia**

## One Day Short Course on Flood Emergency Response Planning Organized By:

**Mechanical Engineering Technical Division @ IEM HQ**

Date : 14 December 2015 (Monday)  
 Venue : Tan Sri Prof. Chin Fung Kee Auditorium, 3<sup>rd</sup> Floor, Wisma IEM  
 Time : 8.30am – 3.30pm

BEM Approved CPD/PDP Hours: 5.0  
 Ref. No.: IEM15/HQ/425/C

### Registration Fee (GST not included)

Grade	Online Fee	Normal Fee
IEM Student Member	RM 170.00	RM 200.00
IEM Graduate	RM 250.00	RM 300.00
Corporate Member	RM 350.00	RM 400.00
Non IEM Member	RM 480.00	RM 500.00

**GST is implemented effective 1 April 2015**

### IMPORTANT NOTES

- **CLOSING DATE : 10 December 2015**
- For ONLINE REGISTRATIONS, only ONLINE PAYMENT is applicable [via RHB and Maybank2u – Personal Saving & Personal Current ; Credit Card - Visa/Master]
- Payment via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK -IN will be considered as NORMAL 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 fees is to be settled in full. If the participant made payment and failed to attend the course, the fees paid is non refundable
- The Organizing Committee reserves the right to alter or change the program due to unforeseen circumstances.

## Synopsis

The recent 2014/2015 flooding would be one of the most devastating in Malaysia's history. More than 250,000 people were displaced by the floods. The flood waters stayed for days in many areas. The states of Kelantan, Terengganu and Pahang were the worst affected and the states of Perlis, Perak, Johor and Sabah were not spared.

This short course introduces some fundamentals of flood and explains the various types of flood. Flood can be made worse by the combination of these factors. Flooding can be prevented by understanding the flood exposure, and then engineering can be applied to mitigate the flood or build defenses to protect against the flood. For flood exposed locations, a flood emergency response plan could be implemented to limit or reduce the flood damage. The workshop would help participants to have a better understanding on drawing up a flood emergency response plan. And after the flood water has receded, taking the right salvage steps can bring back recovery sooner. This course will focus on things that an individual or a company can do to lessen a flood impact.

Target audience: Anyone interested in the flood issue. This talk would be on basic knowledge about flood and no prior knowledge required.

## Biodata of Speaker

Mr. Loo Chee Kin is a Senior Consultant with Global Risk Consultants (GRC) and before that he was a Senior Engineering Specialist with FM Global for some 12 years. He has more than 20 years of engineering experience, from design to field work. He graduated from UMIST, Manchester, UK with a B.Eng in Electromechanical Systems Engineering and prior to that a Diploma in Electromechanical Systems Engineering from Kota Bharu Polytechnic in Kota Bharu, Malaysia. He is a P.Eng in Mechanical and Electrical Engineering and a Member of IEM. He is a Member of IMechE and IEE, and a registered C.Eng. He is an active committee member in the IEM's Mechanical Engineering Technical Division as well as various Sub-Committees and Boards. He has written a few articles in the IEM monthly bulletin, Jurutera.

His areas of risk evaluation are both for existing sites as well as engineering services for new projects of clients. He has visited and provided loss prevention engineering services for various plants, which includes semiconductor wafer fabs, offices, machine shops, rubber processing facilities, paper working, food, healthcare products, electrical apparatus assembly, foundry, molten glass, mines, mills, warehousing facilities, etc.

In the natural hazards field, Mr. Loo has done consultancy for flood, earthquake, windstorm, freeze and snow in various countries. In the area of flood, he advises project teams on site selection, building flood protection barriers, devising flood emergency response plans, compiling rainfall and flood data, and reviewing flood studies.

## Cancellation Policy

IEM reserves the right to postpone, reschedule, allocate or cancel the course. No cancellation will be accepted prior to the date of the event. Substitution of participants would be allowed.

# One Day Short Course on Flood Emergency Response Planning



## Course Outline

8.30 – 9.00 am	Registration
9.00 – 10.30 am	Fundamentals of flood Understanding the type of flood Aspects of an Emergency Response Plan
10.30 – 11.00 am	Break
11.00 – 12.30 pm	Post-flooding salvage and recovery Workshop on writing an emergency response plan
12.30 – 1.30 pm	Lunch
1.30 – 3.30 pm	Workshop debrief Flood mitigation and prevention measures Q&A Session

### 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.