

TALK ON “ENGINEERS AND ENGINEERING IN HUMANITARIAN EFFORTS DURING DISASTERS AND CRISIS”

Organised by Sub-Committee on IEM Relief

Date : **12 October 2016 (Wednesday)**
 Time : **5.30 pm – 7.30 pm** (*Refreshment will be served at 5.00pm*)
 Venue : **Auditorium Tan Sri Prof. Chin Fung Kee, Wisma IEM, PJ.**
 Speakers: **Ir. Elias Saidin, Ir. Sreedaran Raman,**
Ir. Dr. Saiddi Ali Firdaus & Mr. Mohd Fauzi Othman Grad.IEM

BEM Approved CPD/PDP Hours: **2 hours**
 Ref No: **IEM16/HQ/418/T**

SYNOPSIS

Four members of IEM had recently undergone a 5 days course on Essentials of Humanitarian Practice conducted by the RedR organization in Malaysia. RedR was formed in the UK in 1980 and serves to provide carefully selected engineers to front line agencies in disaster relief. The speakers shall be presenting selected topics on the Humanitarian Charter and minimum standards in Humanitarian response.

Speakers will discuss the characteristics of natural disasters and conflict-induced emergencies, the requirements for an effective international response and the needs of vulnerable people in complex and challenging settings and how engineers can provide effective humanitarian assistance. For example, during an emergency or disaster, logistics may take up approximately 60-70% of Funds. Access to safe drinking water, sanitation and hygiene (WASH) are required to reduce disease transmission, reduce suffering of a displaced community and saving lives. Engineers and Engineering have important roles to play in these situations.

Sphere Project’s Handbook on “Humanitarian Charter and Minimum Standards in Humanitarian Response” will be discussed with specific topics on principles of humanitarian charters, protection principles and the core standards on Water Supply, Sanitation and Hygiene Promotion, Food Security and Nutrition, Shelter, Settlement and Non-Food Items, and Health Action

Engineers with interest to volunteer and participate in relief work during disaster or crisis are encouraged to attend and register as pioneer in an initiative to form an IEM Relief Team.

Announcements to note:

- 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**)
- Non-members may also attend the talk but will be charged a registration fee of **RM50 and an administrative fee of RM15.**
- 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
- Limited seats are available on a “first come first served” basis (maximum 110 participants).
- IEM members are **required to produce your membership cards for confirmation of attendance (CPD purpose).**
- 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 RM25.00

FUNDS FOR IEM BUILDING FUND (WISMA IEM)

- Kindly be informed that IEM will be charging participants **RM15.00** administrative fee for talks organized by IEM.
- The fee would be used for overhead costs, building maintenance expenses as well as to support the purchase of the new building.
- Students are however exempted.
- All contributions will be deeply appreciated by IEM
Your understanding is greatly appreciated.

BIODATA OF SPEAKERS

1. **Ir. Elias Saidin** – Graduated in 1980 from the University of Tasmania with a Bachelor Degree in Civil Engineering. He holds a Masters Degree in Environmental Engineering from University Putra Malaysia. He is a registered Professional Engineer, Chairman of Standing Committee on Welfare & Service Matters & Sub-Committee on IEM Relief, IEM; Immediate Past President of ENSEARCH Malaysia and Member of the Malaysian Water Association (MWA) and International Rainwater Catchment Systems Association (IRCSA)
2. **Ir. Sreedaran Raman** – Currently attached with Department of Irrigation and Drainage Malaysia and serving IEM as a council member. He is also the Vice President of the Association of Registered Engineering Services for Disaster Relief Malaysia (RedR Malaysia).
3. **Ir. Dr. Saiddi Ali Firdaus** – Graduated in 1999 with a Bachelor of Mechanical Engineering from University Technology Malaysia. He completed Masters Degree of Mechanical Engineering from UTM in 2006 and Phd. from University of Loughborough, UK. Currently he is a Senior Lecturer in Engineering Faculty of National Defence University of Malaysia. He is an IEM Corporate Member and member of IOA (Institute of Acoustics, UK).
4. **Mr. Mohd Fauzi Othman** Grad.IEM – Graduated in 2011 from the Universiti Teknologi Malaysia (UTM) with a Bachelors of Engineering (Electrical). He also hold a Diploma in Electrical Engineering with Education from Kolej Universiti Teknologi Tun Hussein Onn (KUiTTHO) in 2002. He is currently a lecturer at Department of Electrical Engineering, Politeknik Sultan Azlan Shah.

FORMAT AND TOPICS FOR INTRODUCTORY TALK

Speaker	Topic
Speaker 1	<ul style="list-style-type: none"> • Introduction to disaster relief operations in local, national and international level • Existing NGO in humanitarian efforts local, national, foreign and UN • Why IEM wants to be part of Humanitarian relief • Challenges in Relief operations and Logistics
Speaker 2	<ul style="list-style-type: none"> • Relief Operations practices • Introduction to SPHERE handbook and outline only • Core standards • Code of Conduct
Speaker 3	<ul style="list-style-type: none"> • Water Supply, Sanitation and Hygiene Promotion • Food Security and Nutrition
Speaker 4	<ul style="list-style-type: none"> • Shelter, Settlement and Non-Food Items • Health Action

Ir. Elias Saidin
 Chairman of Sub-Committee on IEM Relief

CPD/PDP HOURS CONFIRMATION

Name :
 M’ship No. :
 Signature :