JURUTERA
Number 9 SEPTEMBER 2005 IEM Registered on 1st May 1959

MAJLIS BAGI SESI 2005/2006 (*IEM COUNCIL SESSION 2005/2006*)

YANG DIPERTUA / PRESIDENT:
Ir. Prof. Dr Ow Chee Sheng

TIMBALAN YANG DIPERTUA / DEPUTY PRESIDENT:
Y. Bhg. Datuk Ir. Hj. Keizrul bin Abdullah

NAIB YANG DIPERTUA / VICE PRESIDENTS:
Ir. Choo Kok Beng, Ir. Neoh Cheng Aik, Ir. Prof. Ishak bin Abdul Rahman, Ir. Prof. Dr Chuah Hean Teik, Ir. Prof. Dr Ruslan bin Hassan, Y. Bhg. Dato' Ir. Hj Abdul Rashid bin Maidin, Ir. Tan Yean Chin

SETIAUSAHA KEHORMAT / HONORARY SECRETARY:
Ir. M.C. Hee

BENDAHARI KEHORMAT / HONORARY TREASURER:
Ir. Lee Weng Onn

WAKIL STRUKTUR / STRUCTURAL REPRESENTATIVE:
Ir. Jeffrey Chiang Choong Luin

WAKIL AWAM / CIVIL REPRESENTATIVE:
Ir. Aik Siaw Kong

WAKIL ELEKTRIK / ELECTRICAL REPRESENTATIVE:
Ir. Mah Soo

WAKIL MEKANIK / MECHANICAL REPRESENTATIVE:
Ir. Gopal Narian Kutty

WAKIL KIMIA & DISIPLIN LAIN / CHEMICAL & OTHERS REPRESENTATIVE:
Ir. Ahmad Nordeen bin Mohd. Salleh

AHLI MAJLIS / COUNCIL MEMBERS:
Ir. Dr Wong Chin Chaw, Ir. Prof. Dr Siti Hamisah binti Tapsir, Ir. Chin Mee Poon, Ir. Peter Tan Hoh You, Ir. Kukanesan a/l Sakthiveil, Ir. Muhammad Imran bin Baharuddin, Ir. Adnan bin Zulkiple, Ir. David Lai Kong Phooi, Ir. Manogaran a/l K. Raman, Ir. Hj. Mohd. Hassin @ Mohd Hashim Daud, Ir. Assoc. Prof. Lt. Kol. Mohd. Hazani bin Hj. Shafie, Ir. Mohd. Rasid bin Osman, Ir. Woo Ah Keong, Ir. Yeo Boon Kah, Ir. Yusouf bin Ahmad, Ir. Dr Tee Tiam Ting, Ir. Vincent Chen Kim Kieong, Ir. Dr Tan Yean Guan, Ir. Dr G. Balamurugan, Ir. Yim Hon Wa, Ir. Patrick Cyril Augustin, Ir. Major (R) Hj. Ahmad Mazlan bin Othman, Ir. Assoc. Prof. Dr Norlida binti Buniyamin, Ir. Hoo Choon Sean, Ir. Ching Chin Chuan, Ir. Awangku Hidup bin Awangku Hosain, Y. Bhg. Datuk Abdul Hadi bin Mohd. Deros, Ir. Dr Judin bin Abdul Karim

BEKAS YANG DIPERTUA TERAKHIR / IMMEDIATE PAST PRESIDENT:
Ir. Prof. Abang Abdullah bin Abang Ali

BEKAS YANG DIPERTUA / PAST PRESIDENT:
Y. Bhg. Tan Sri Ir. (Dr) J. G. Daniel, Ir. T. T. Chiam , Y. Bhg. Dato' Ir. Pang Leong Hoon, Y. Bhg. Academician Dato' Ir. Lee Yee Cheong, Ir. P.E. Chong, Y. Bhg . Dato' Ir. Abdul Rashid bin Ahmad, Ir. Dr Ting Wen Hui, Ir. Hj. Mohd Mazlan, Y. Bhg. Datuk Ir. (Dr) Hj. Ahmad Zaidee bin Laidin, Ir. Dr Gue See Sew

PENGERUSI CAWANGAN / BRANCH CHAIRMAN:
Pulau Pinang – Ir. Vincent Tan Huei Meng
Selatan – Ir. Steve Chong Yoon On
Perak – Y. Bhg. Dato' Ir. Hj. Abdul Rahman bin Dahan
Timur – Y. Bhg. Dato' Ir. Hj. Annies bin Md. Ariff
Negeri Sembilan – Ir. Hj. Ahmad Husaini bin Hj. Sulaiman
Terengganu – Y. Bhg Dato' Ir. Hj. Mohamad bin Husin
Melaka – Ir. Hj. Abd Rahim bin Shamsudin
Sarawak – Ir. Zawawi bin Embong
Sabah – Ir. Lee Tet Fon
Miri – Ir. Dr Edwin Jong Nyon Tchan
Kedah-Perlis – Y. Bhg. Dato' Ir. Hj. Abdullah bin Hj. Abbas

AHLI JAWATANKUASA PENERBITAN / STANDING COMMITTEE ON PUBLICATIONS:
Pengerusi / Chairman: Ir. Prof. Dr Ruslan bin Hassan
Naib Pengerusi / Vice Chairman: Ir. Dr G. Balamurungan a/l B. Gurusamy
Setiausaha / Secretary: Ir. Assoc. Prof. Dr Junaidah binti Ariffin
Pengerusi (Perpustakaan) / Library Chairman: Dr Chuah Teong Guan
Ahli-Ahli / Committee Member: Ir. Chin Mee Poon, Ir. Mah Soo, Ir. Look Keman bin Hj. Sahari, Ir. Dr Jeffrey Chiang Choong Luin, Sdr. K.H. Man

LEMBAGA PENGARANG / EDITORIAL BOARD:
Ketua Pengarang / Chief Editor – Ir. Chin Mee Poon
Pengarang (Bulletin) / Bulletin Editor – Ir. Mah Soo
Pengarang (Jurnal) / Journal Editor – Ir. Assoc. Prof. Dr Aminuddin bin Mohd. Baki
Setiausaha / Secretary – Ir. Assoc. Prof. Dr Junaidah binti Ariffin
Ahli-Ahli / Committee Member – Ir. Jeffrey Chiang Choong Luin, Ir. Look Keman bin Hj. Sahari, Sdr. K.H. Man

AHLI JAWATANKUASA JOURNAL / SUB-COMMITTEE ON JOURNAL:
Pengerusi / Chairman: Ir. Assoc. Prof. Dr Aminuddin bin Mohd. Baki
Ahli-Ahli / Committee Member: Ir. Assoc. Prof. Dr Junaidah binti Ariffin, Ir. Mohd. Taufik bin Salleh, Ir. Mohd. Zawawi bin Ahmad, Ir. Dr Jeffrey Chiang Choong Luin, Assoc. Prof. Dr Mohamad Azmi bin Ayob

THE INSTITUTION OF ENGINEERS, MALAYSIA
Bangunan Ingenieur, Lots 60 & 62, Jalan 52/4, P.O. Box 223,
(Jalan Sultan) 46720 Petaling Jaya, Selangor.
Tel: 03-7968 4001/4002 Fax: 03-7957 7678
E-mail: sec@iem.org.my Homepage: http://www.iem.org.my

Be Prepared

By: Ir. Mah Soo

In real life, everyone bounds to meet some form of 'force majeure' at one time or another, be it in the micro (personal or family related), macro (community, organisational or national related) or global scales (such as the Tsunami incident). Have we really given some thought to this matter of 'disaster management' or 'risk management' to assess how prepared are we in facing such situations?

The scout's motto of "Be Prepared" and the Chinese adage of "Thinking of danger during peaceful living" is very applicable to ensure oneself is prepared to face any such eventualities.

Most disasters strike at a time when one least expected of them, 'Disaster management' is to prepare oneself how best one could mitigate its impact on life, limb, property and finance. The scale of awareness of its impact depends on the amount of publicity given to it. A good example would be the Tsunami incident that happened on 26 December 2004.

Many commendable actions have been carried out in Malaysia. They are as follows; the setting up our own 'Sistem Amaran Awal Tsunami Nasional' under the Kementerian Sains, Teknologi dan Inovasi (MOSTI), the National Security Division (NSD) in the Prime Minister's Department for the coordination of all activities related to disaster, the National Security Council (NSC) Directive No. 20 issued to provide guidelines on the management of disasters and the establishment of the Disaster Management and Relief Committee at the Federal, State and District levels.

IEM has played its part well by inviting Professor Nobuo Shuto of Japan to conduct a series of lectures on the Tsunami in Penang and K. L. between 27 April and 1 May 2005. This September issue Jurutera has adopted 'Disaster Management' as the theme. From the results of a survey conducted on public awareness on earthquake and its societal impact, the majority of the respondents interviewed (more than 90%) has the opinion that public awareness is low and stressed on the importance of information and education to reduce such hazards.

The writer has been with the Electricity Supply Industry (ESI) for about 33 years and has experienced that for any emergency response plan (ERP) to be effective and produce the expected results, there has to be concerted efforts in conducting awareness and outreach training programs to educate the people affected on relevant information and Standard Operating Procedures (SOPs), conducting regular mock drills to ensure all that are involved and could be affected by such force majeures are well informed, adequately drilled and know exactly what are expected of them in the real situation.

Examples of lack of proper coordination could be seen in the recent July 2005 earthquake near the Nicobar Islands, when many families fled their homes in Kedah and the stampede that resulted in numerous deaths in Mumbai, India upon hearing rumours of Tsunami.

IEM can add more value by drawing upon its expert resources to set up a task force to make inroads to the respective authorities to offer our assistance in this process of 'disaster management'; especially in the conducting of awareness and outreach programs to educate the public and as auditors during mock drills. If needed, I can volunteer my services as a member of the task force as a contribution towards IEM and the country. ■