

**REGISTRATION**  
**FORUM ON THE IMPACT OF CLIMATE CHANGE ON WATER RELATED DISASTERS**  
**WEDNESDAY, 10<sup>TH</sup> OCTOBER 2018**

Name(s)	IEM M'ship No. / Grade	Fees (RM)
	<b>SUB TOTAL</b>	
	<b>TOTAL PAYABLE</b>	

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

Mobile: \_\_\_\_\_ Tel(O): \_\_\_\_\_ Fax: \_\_\_\_\_  
E-mail: \_\_\_\_\_

*(Please write clearly as the "Confirmation Notification" will be sent via email)*

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

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**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'.

**Terms & Conditions:**

- For ONLINE REGISTRATIONS, only ONLINE PAYMENT is applicable [via RHB and Maybank2u- Personal Saving & Personal Current: Credit Card – Visa / Master 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 nonrefundable. Registration fee includes lecture notes, refreshment and lunches.
- The Organizing 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.

**FORUM ON THE IMPACT OF CLIMATE CHANGE ON WATER RELATED DISASTERS**

*Jointly Organised with:*  
*The Disaster Risk Reduction Advisory Board (DRRAB), IEM & Water Resources Technical Division (WRTD), IEM*

**Speakers:**

Dato' Dr. Yap Kok Seng, Ir. Zakiyah, Ir. Hj. Mohd Fauzi, Dato' Ir. Nor Hisham, Ir. Hj. Wan Mohd Zamri, En. Mohamad Hafiz, Ir. Bibi Zarina

**Date / Time**

**10<sup>th</sup> October 2018 (Wednesday) / 9.00am – 5.30pm**

**Venue**

**Tan Sri Prof. Chin Fung Kee Auditorium,  
Wisma IEM, Petaling Jaya, Selangor**



**REGISTRATION FEES**  
**Closing Date: 7<sup>th</sup> October 2018**

Grade	Normal Fee	Online Fee
IEM Member	RM 80.00	RM 60.00
Non-IEM Member	RM 100.00	RM 80.00

**IMPORTANT:**

**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.

**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.

## ABOUT THE FORUM

The Inter-Governmental Panel on Climate Change (IPCC) has stated that Climate Change is unequivocal i.e. there is no longer any doubt. Engineers and related stakeholders involved in water related development need to know if the current codes are sufficient to cope with the future predicted phenomenon in terms of design and operations requirements.

In view of this, IEM Disaster Risk Reduction Advisory Board (DRRAB) together with the IEM Water Resources Technical Division (WRTD) is organizing a 1-day forum in conjunction with National Disaster Preparedness month, inviting all engineers and related stakeholders to pool together their input and feedback on possible impact of climate change with regards to water related disasters.

## SPEAKERS BACKGROUND

### **Dato' Dr. Yap Kok Seng**

Dato' Dr. Yap Kok Seng was the Director-General of the Malaysian Meteorological Department (MMD) from mid December 2005 till September 2012 and its deputy from January 2001 till mid December 2005. He was also the Permanent Representative of Malaysia with the World Meteorological Organization (WMO) and a Member of the WMO Executive Council from 2006 till September 2012. Dato' Dr. Yap is a fellow of SEADPRI UKM since October 2010. He is also a fellow of the Academy of Science since 2014. Dr Yap retired from the civil service on 21st Sept 2012 after serving the Malaysian Meteorological Department for 33 years and 9 months. Dr Yap in now the National Project Manager for the Third National Communication and Biennial Update Report to the UNFCCC.

### **Dato' Ir. Nor Hisham Bin Mohd Ghazali**

Holds a B. Sc. in Civil Engineering from California State University (Chico) and a Masters in Coastal and Maritime Engineering from Universiti Teknologi Malaysia. He joined the Department of Irrigation and Drainage Malaysia (DID) in 1987 starting as a geotechnical engineer and later joining the Coastal Engineering Division in 1991. His subsequent appointments include a 4 year secondment to NAHRIM as a coastal researcher, Deputy Director of Selangor State Department of Irrigation and Drainage, Director of Operations at the Stormwater Control Center of the Kuala Lumpur Stormwater Management and Road Tunnel (SMART) and Director of Johor State Department of Irrigation. In March 2016, he was appointed to the directorate as Senior Director (Management Sector) to oversee ICT and human capital development. In January 2017, Hisham was appointed the Director of Division for Water Resources and Hydrology.

### **Ir. Hj. Wan Mohd Zamri bin W. Ismail**

Graduated in B.Sc. Civil Engineering from University of Iowa USA in 1983 and later obtained Masters of Science (Hydrogeology) from University of Malaya, Kuala Lumpur. Ir Wan Mohd Zamri is a Professional Engineer, a Fellow of The Institution of Engineers Malaysia, a member of the Malaysian Water Association and the International Water Association (IWA). He is also an Interviewer of BEM and Registered Engineer with CIDB.

### **Ir. Zakiyyah binti Muhammad**

Holds a degree in Bachelor of Engineering (Hons) Civil graduated in 1997 from UiTM. She obtained her M.Sc. in Water Engineering in 2009. She has over 19 years of experience in Water Engineering. Ir. Zakiyyah is a Senior Chief Assistant Director Department of Irrigation and Drainage Malaysia (DAM Division) and been serving since 1999. She is also a member of The Institution of Engineers, Malaysia (IEM).

### **Ir. Hj. Mohd Fauzi bin Mohamad**

Holds a B. Civil Engineering from University of Strathclyde, United Kingdom in 1983 and a M.Sc. Eng. in Hydrology and Water Resource from Universiti Teknologi Malaysia in 2008. He is currently The Deputy Director General and Acting DG of National Hydraulics Research Institute of Malaysia (NAHRIM). The Water Resource and Climate Change Research Centre of NAHRIM has carried out research on the effects on climate change and water resource for Malaysia.

### **En. Mohamad Hafiz bin Hassan**

Mohamad Hafiz Bin Hassan was graduated from the University Technology of Malaysia in 2003 with a degree in Civil Engineering. He started his career as Design Engineer in consultant firm at Johor Bahru since 2003 before he joined the Department of Irrigation and Drainage, Malaysia in August 2006. In 2013, he has completed his Master's Degree in Water Science and Engineering (Specialization in Hydraulics Engineering and River Basin Management) from IHE Delft, The Netherlands. His major research and work interests include hydrodynamic river modeling, river morph dynamics, flood forecasting, disaster risk reduction (DRR), Geographic Information System (GIS) and remote sensing.

### **Ir. Bibi Zarina binti Che Omar**

is a Director of Mitigation Department, Sector of Policy and Planning, National Disaster Management Agency (NADMA) Malaysia, Prime Minister's Department of Malaysia. She is an expert in both structural and non-structural approach in mitigating flood damage. She is a leading author from Malaysia in the publication on "Science Technology Plan for Disaster Risk Reduction: Asian Perspective" published in March 2017. This publication is supported by Integrated Research on Disaster Risk (IRDR) International programme Office (IPO), International Council for Science (ICSU) Regional Office for Asia and the Pacific (ROAP), IRDR International Centre of Excellence (ICoE)-Taipei and National Council of Thailand (NRCT). She has recommended flood-proofing new homes as the best way to protect people from damage, given that the method can be adopted as we can no longer afford to widen and deepen rivers. With a long-served technical expert in the Department of Irrigation Drainage Malaysia, and also known as a women leader in the National Disaster Management Agency recognized by Global Water Partnership Southeast Asia made this exciting session worth.

## TENTATIVE PROGRAMME

Time	Module	Speaker
8.30 – 9.00	<b>Registration, Scan in</b>	-
9.00 – 10.30	Session 1 : Climate Change	Dato' Dr. Yap Kok Seng
	Session Chairman: Dato' Paduka Ir. Prof. Dr. Keizrul	Ir. Hj. Mohd Fauzi
10.30 – 11.00	<b>Tea Break</b>	
11.00 – 1.00	Session 2 : Water Hazard (Drought, Flood & Water Management)	Dato' Ir. Nor Hisham
	Session Chairman: Dato' Ir. Mohd. Azmi	En. Mohamad Hafiz
1.00 – 2.00	<b>Lunch</b>	
2.00 – 4.00	Session 3 : Structure & Services (Dam Safety, Landslides & Slope Safety Management, Sustainability of Potable Water Supply)	Ir. Zakiyyah
	Session Chairman: Ir Mohmad Asari	Ir. Hj. Wan Mohd Zamri
4.00 – 5.00	<b>Synthesis Session</b>	
5.00 – 5.30	<b>Scan out and Collection of Certificate</b>	-

**"This Forum is held in conjunction with 'Bulan Kesiapsiagaan Kebangsaan' or National Disaster Preparedness month"**