



# THE INSTITUTION OF ENGINEERS, MALAYSIA

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## Half Day Course On “Flood Resilient Cities” By Prof. David Balmforth

Organised by: Water Resources Engineering Technical Division

Date: **28<sup>th</sup> Nov 2015 (Saturday)**  
Time: 9.00am to 1.30pm  
Venue: Bilik Teratai, Jabatan Pengairan Dan Saliran Malaysia, KM 7, Jalan Ampang, 68000 Ampang

### SYNOPSIS

#### Flood Resilient Cities

Global cities face unprecedented pressures from population growth and climate change. A study of possible future scenarios shows that their vulnerability to flooding is likely to increase very significantly and that traditional approaches to defending communities from flooding are likely to become unaffordable. A paradigm shift is needed, to answer the question “how do we make our cities more resilient to flooding in the future?” Already there are good examples around the world of the sort of measures that might be employed to successfully tackle the issue of flood resilience. The workshop will explore how these might be brought together in a structured way to deliver a range of measures that tackle flooding at source, along pathways and at receptors. They will include structural measures that involve changing the fabric of urban communities, and non-structural measures that address flood warnings and how communities can respond. The workshop will build on examples from around the world and will help delegates to understand what such measures might look like in the future and to discuss how the new paradigm might best be achieved in particular circumstances.

### SPEAKER'S BIODATA



David Balmforth is the current outgoing president of the Institution of Civil Engineers (ICE) UK. David is also an Executive Technical Director with the international engineering company MWH, which he joined in 1999. He is an accomplished civil engineer specializing in flood risk management and urban pollution control. Formally an academic, his recent work ranges from the delivery of multi-million engineering programmes, to flood advisory work for municipalities in the UK and overseas. He has acted as an advisor to governments on infrastructure development, and has recently worked to alleviate flooding in London, Glasgow and Singapore. His novel approaches to managing urban river pollution have been widely adopted and he has exhibited at the Design Centre in London. Formally a non-executive director of the Construction Industry Research and Information Association and Editor of the Journal of Flood Risk Management, David is a visiting professor at Imperial College.

**Dato' Ir. Haji Hanapi Bin Mohamad Noor**  
Chairman  
Water Resources Technical Division

PROGRAMME	
09:00-9:05am	Welcome
09:10-10:45am	Opening Address
10:45-12:00pm	Principles or resilience, paradigm shift, source-receptor-pathway approach
12:00-12:30p.m	<b>LUNCH</b>
12:30 – 1:00pm	Case Study Example
1:00 – 1:30pm	Closing Remarks and Questions

### REGISTRATION FEES (EXCLUDING GST)

IEM Graduate Member	RM150.00 (Online)	RM180.00 (Normal)
IEM Corporate Member	RM250.00 (online)	RM300.00 (normal)
Non IEM Member	RM400.00 (online)	RM500.00 (normal)

### BEM APPROVED CPD/PDP HOURS: Applying

#### Terms & Conditions:

- 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 fee is to be settled in full.
- Fee paid is not refundable. Registration fee includes lecture notes, refreshment.
- 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.

Reply slip (Fax to : 03-7957 7678)

### HALF DAY COURSE ON “FLOOD RESILIENT CITIES”

Chairman, Water Resources Engineering Technical Division, IEM

I/We wish to enroll the following person(s) to the Half Day Seminar Seminar on **28<sup>th</sup> Nov 2015 (Saturday)**

No	Name(s)	M'ship No.	Grade	Fee (RM)*
<b>SUB TOTAL</b>				
<b>ADD GST @6%</b>				
<b>TOTAL PAYABLE</b>				

Enclosed herewith a cash/crossed cheque/bank draft/money order No. .... for the amount of RM ..... issued in favour of “The Institution of Engineers, Malaysia” account and crossed “A/C Payee only”. I/We understand that the fee is not refundable if I/we withdraw after my/our application is/are accepted by the Organising Committee but substitution of participants will be allowed. If I/we fail to attend the Course, I/we will still settle the registration fee in full.

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

Organisation : \_\_\_\_\_ Tel no. : \_\_\_\_\_

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

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

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

### 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. Full refund if cancellation is received in writing more than 7 days before start date of the event. No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with prior notification and substitute will be charged according to membership status.