



# One Day Seminar on Storm Water Management and Flood Mitigation

**Date** : 27 FEBRUARY 2020 (THURSDAY)  
**Venue** : Auditorium Malakoff, Ground Floor, Wisma IEM, Petaling Jaya  
**Time** : 8.30am – 5.30pm

**BEM Approved CPD/PDP Hours: Applying  
(IEM20/HQ/XXX/S)**

**CLOSING DATE:**  
**22 FEBRUARY 2020**  
*OR if the Seminar Reach its  
Target Registered Participants*  
**NO ONLINE/OFFLINE Registration**  
**will be allowed after the Closing Date**

***Organized & Hosted by:***  
***The Disaster Risk Reduction Advisory Board (DRRAB), PPC IEM***

## **Cancellation Policy**

No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with 7 days prior notification and substitute will be charged according to membership status.

## **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.

**"IEM reserves the right to alter or cancel the programme due to unforeseen circumstances at its discretion".**  
**For intending participants who choose to 'walk in without prior registration',**  
**IEM SHALL NOT be responsible for any direct or consequential losses".**

## **For further details, kindly contact:**

**The Institution of Engineers, Malaysia**  
Bangunan Ingenieur, Lots 60/62, Jalan 52/4, P.O. Box 223 (Jalan Sultan), 46720 Petaling Jaya, Selangor  
**Tel : 603-7968 4001/2 Fax : 603-7957 7678 Email : [afzan@iem.org.my](mailto:afzan@iem.org.my)**

## SPEAKERS

**Mr. Philippe Alliaume** graduated from Kedge Business School (France) and Nottingham University in 1990 year with a Master degree in Finance & Marketing and currently attached to Graf Germany as South-East Asia Manager and has been involved in storm water management system and Storage Infiltration System for 10 years specialising in Water Treatment, Rainwater Harvesting and have been personally involved in over 100 projects (South-East Asia, Indian Ocean, Pacific Region).

**Mr. Alfred Wong** graduated from University of Northumbria, UK with a degree in Electronic & Communication in the year 2008 and has been attached with Myhomepalm Integrated Sdn. Bhd. as a Business Development Director since 2011.

**Mr. Ezzat Natsheh** is the International Business Manager at Hydro International limited. Over the last 8 years, Ezzat worked with engineers, municipalities and water authorities in Asia, Middle East and Africa by introducing sustainable, and at times, unconventional solutions to improve the way they process, treat and manage water.

His areas of expertise includes stormwater management, flood prevention, industrial applications, municipal wastewater treatment.

Ezzat has held several technical sales positions in wastewater treatment and power generation and distribution. He is an electrical engineering graduate from Near East University in Cyprus in 2006.

**Mr. Raymond Koh** holds a diploma in Marine Engineering from Singapore Polytechnic and graduated from University of London in 2006 year with a Bachelor of Science in Business and currently attached to Pentair Singapore as Area Sales Manager.

**Ms. Oraphan Saeko** graduated from University of Thai Chamber of Commerce in year 2004 with Bachelor Degree of Business Administration, Major of International Business Management (BBA) and currently work at Pentair Flow Technologies as Area Sales Manager for SEA Municipal markets.

**Mr. Ehsan Aswad** graduated with a Master of Engineering from University of Surrey, UK in the year 2010 and has been attached with Myhomepalm Integrated Sdn Bhd as a Business Development Director since 2011.

Paper 1 :	<p><b>Stormwater Management with Storage Infiltration System</b></p> <p>➤ Mr. Philippe Alliaume &amp; Mr. Alfred Wong</p> <p>Synopsis:</p> <p>The public demand for local stormwater management is continually growing due to ever more frequent flood catastrophes. Increasing sealing of areas with buildings, car parks and roads is a particular problem for sewer systems in urban areas is increasingly raising the risk of flooding. Due to rapid urbanisation especially in key cities such as Kuala Lumpur, Selangor, Johor Bahru and Penang, the consequence of flooding is causing severe ecological and economic damage. The speaker will share his experience and technical know-how on the overall topic of stormwater management and flood mitigation system with the proven technology in countries such as Singapore, Australia, Philippines, China and Japan.</p>
Paper 2 :	<p><b>Stormwater Treatment and Hydraulic Flow control</b></p> <p>➤ Mr Ezzat Natsheh</p> <p>Synopsis:</p> <p>Stormwater runoff will eventually reach a watercourse such as a river, lake or sea, and any pollutants that are present in this surface water are deposited into the environment. Sand, grit and other solids—either carried from impermeable surfaces or as the result of erosion—result in sedimentation and silting of watercourses; nutrients and organic materials disrupt ecosystems and can cause harmful biological events such as algal blooms; and chemicals, metals and other contaminants may cause direct harm to flora and fauna and may bioaccumulate over time.</p> <p>Stormwater regulators, engineers and contractors are entrusted with an enormous responsibility to approve, specify and install treatment solutions that improve water quality and the environment, both today and for years to come. Fortunately, in the same way that there different kinds of stormwater pollution, there are different techniques, technologies and treatment systems for removing pollutants from surface water.</p> <p>The speaker will be sharing his experience, case studies, technical know-how on the above topic so when it comes to stormwater management system, it should be studied in a more comprehensive and holistic approach rather than a product-based solution in addressing this issue.</p>
Paper 3 :	<p><b>Flood Control with Pumping Technology – Success Story at Marina Barrage</b></p> <p>➤ Mr. Raymond Koh, Ms. Oraphan Saeko &amp; En. Ehsan Aswad Abdullah Sani</p> <p>Synopsis:</p> <p>Malaysia is moving forward to explore the application of fire engineering as a professional field in our country. The understanding of a fire engineering application framework shall be delivered to the professionals to understand the deliverables, checker requirements, authority submission process, and fire audit inspection systems. The application of fire engineering is a complicated exercise that involves public safety. Hence, the qualified, competent, and experienced professional adopting fire engineering works shall be responsible and accountable for any deviations from the building code requirements to ensure in creating safe fire environment in our home country, Malaysia.</p>

## PROGRAMME OUTLINED

TIME	PROGRAMME
08:30 – 09:00	<i>Registration and Welcome Coffee / Tea</i>
09:00 – 09:15	<i>Opening Remarks by IEM DRRAB Chairman</i>
09:15 – 10:15	PAPER 1 : Storm Water Management with Storage (Part 1) Infiltration System by Mr. Philippe Alliaume
10:15 – 10:30	<i>Morning Tea Break</i>
10:30 – 11:30	PAPER 1 : Storm Water Management with Storage (Part 2) Infiltration System by Mr. Alfred Wong
11:30 – 12:30	PAPER 2 : Storm Water Treatment and Hydraulic Flow (Part 1) Control by Mr. Ezzat Natsheh
12:30 – 1:30	<i>Lunch</i>
1:30 – 2:30	PAPER 2 : Storm Water Treatment and Hydraulic Flow (Part 2) Control by Mr. Ezzat Natsheh
2:30 – 3:30	PAPER 3 : Flood Control with Pumping Technology – Success (Part 1) Story at Marina Barrage by Mr. Raymond Koh, Ms. Oraphan Saeko & En. Ehsan Aswad Abdullah Sani
3:30 – 4:00	<i>Hi-Tea</i>
4:00 – 5:00	PAPER 3 : Flood Control with Pumping Technology – Success (Part 2) Story at Marina Barrage by Mr. Raymond Koh, Ms. Oraphan Saeko & En. Ehsan Aswad Abdullah Sani
5:00 – 5:30	Q&A Session
5:30	<i>End of Seminar</i>

**\* IEM reserves the right to postpone, reschedule, allocate or cancel the course.**

# REGISTRATION FORMS

## One Day Seminar on Storm Water Management and Flood Mitigation

**28 February 2020**

Tel: 03-7968 4006 (Ms. Afzan)

Fax: 03-7957 7678

Email: [afzan@iem.org.my](mailto:afzan@iem.org.my)

REGISTRATION FEE : 6% GST EFFECTIVE 01<sup>ST</sup> MARCH 2019

	<b>ONLINE</b> (Log-in for registration & payment: <a href="http://www.myiem.org.my/member/login.aspx">www.myiem.org.my/member/login.aspx</a> )	<b>NORMAL FEE (RM)</b> (by fax & email) Payment by cash, credit card and bank-in
IEM Student Member	20.00	30.00
IEM Graduate Member	50.00	70.00
IEM Corporate Member	80.00	100.00
Non-IEM Member	100.00	120.00

No	Name(s)	Membership No.	Grade	Fee (RM)*
SUB TOTAL				
+ 6% SST				
TOTAL PAYABLE				

**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' . Bank Account No. : 640320010020215,**

**Bank Name: Alliance Bank Malaysia Berhad. (SHOULD PAYMENT IS MADE, KINDLY EMAIL THE 'BANK-IN-SLIP' TO IEM FOR VERIFICATION BEFORE THE EVENT FOR EASY REGISTRATION)**

**FULL PAYMENT must be settled before commencement of the seminar**, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participant fails to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non refundable. The Registration Fee includes lecture notes, refreshment and lunch.

For **ONLINE REGISTRATIONS**, please note that payment **MUST** be made **BEFORE the closing date**. If payment is not received within the stipulated time, the registration fee will be reverted to the normal registration fee.

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

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

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

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

Handphone : \_\_\_\_\_ (HP) Email: \_\_\_\_\_

Signature & Stamp \_\_\_\_\_

Date \_\_\_\_\_

**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
- The Organising 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.