



The Institution of Engineers, Malaysia

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TALK ON “WATER SENSITIVE URBAN DESIGN - MSMA IN PRACTICE”

Organised by Water Resources Technical Division, IEM
BEM Approved CPD/PDP Hours: 2 Ref No: IEM16/HQ/168/T

Date : 17th May 2016 (Tuesday)
Time : 5:30 pm – 7:30 pm (Refreshments will be served in 2nd Flr at 5.00pm)
Venue : C&S Lecture Room, 2nd Floor, Wisma IEM, Petaling Jaya
Speaker : Ir. C. Kamalesen A/L Chandrasekaran

SYNOPSIS

Water Sensitive Urban Design – MSMA in Practice

It is undeniable that the relationship between water and our urban areas needs to be given a higher priority to provide integrated solutions to flood risk management, sustainable water use and supply and the improvement of water quality in our treasured watercourses. Water Sensitive Urban Design (WSUD) provides potential for reconnecting people with water, encourages cross-disciplinary working, support growth and support liveable urban places. WSUD is the process of integrating water cycle management with the built environment through planning and urban design. Water Sensitive Urban Design is the process and water sensitive places are the outcome. WSUD can be applied at all scales. Water Sensitive Urban Design is an opportunity to create beautiful, successful and resilient places.

Since 2000, Jabatan Pengairan dan Saliran (JPS) Malaysia has encouraged the use of the Manual Saliran Mesra Alam Malaysia (MSMA) as an approach in managing storm water. It incorporates the latest storm water best management practices (BMPs) such as the WSUD. The WSUD is one of the BMP’s which can be applied to significantly improve storm water runoff quality and quantity especially in urban environment. The talk will showcase some applications of WSUD.

BIODATA OF SPEAKER

Ir. C. Kamalesen graduated from Universiti Sains Malaysia in Civil Engineering, in 2000, and obtained a distinction for his MSc in Environmental Science (Integrated Water Resources Management) from Open University Malaysia in 2007. He is a subject matter expert in Integrated Water Resources Management with more than 16 years’ experience in water resources management, flood management, urban and transport infrastructure drainage, and agriculture irrigation and drainage.

Ir. C. Kamalesen is currently a Technical Director at AECOM Perunding Sdn Bhd. He is a registered Professional Engineer in Malaysia and an ASEAN Chartered Professional Engineer. He is also a Corporate Member of the Institution of Engineers Malaysia where he is also registered as ASEAN Engineer, APEC Engineer and International Professional Engineer. He is also registered as Qualified Person with the National Water Services Commission of Malaysia (SPAN). Ir. Kamalesen plays an active role in the Institution of Engineers through the Water Resources Technical Division where he is a Committee Member, and the Malaysian Capacity Development Network in Sustainable Water Resources Management (MyCDNet) as its Honorary Treasurer. He is also currently involved with the Academy of Sciences Malaysia (ASM) Integrated Urban Water Management Position Paper Task Force.

Dato’ Ir. Haji Hanapi Mohannad Noor
Chairman
Water Resources Technical Division, IEM

ANNOUNCEMENTS TO NOTE:

- Preferential admission to talk shall be accorded to IEM members (pre-registration and online registration are NOT required).
- Non members may also attend the talk but will need to pay a registration fee of RM50 and an administrative fee of RM15. GST is inclusive.
- Members of affiliated organisations upon producing their membership cards will be exempted from paying registration fee. Administrative fee is nevertheless applicable.
- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- IEM members are reminded to produce membership cards for confirmation of attendance (CPD purpose) failing which a fee of RM25 will be imposed. GST inclusive.

ADMINISTRATIVE FEE

- Kindly be informed that an administrative fee of RM15 is payable for talks organized by IEM. GST is inclusive.
- The fee would be used to cover overhead costs, building maintenance expenses as well as contribute to Wisma IEM Building Fund.
- All contributions will be deeply appreciated by IEM.
- Student Members are however exempted.

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.

CPD HOURS CONFIRMATION

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Membership No:

Signature: