



The Institution of Engineers, Malaysia

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Talk on "Continuous Deflective Separation (CDS) Technology for Stormwater Pollution Control"

(Organised by the Building Services Technical Division, IEM)

BEM Approved CPD/PDP Hours: 2 Ref No: IEM16/HQ/396/T

Date : 28th September 2016 (Wednesday)
Venue : C&S and TUS Lecture Room, 2nd Floor, Wisma IEM, Petaling Jaya
Time : 5.30pm-7.30 PM
Speaker : Ir. Lee Loke Chong

SYNOPSIS

Stormwater treatment is gradually but certainly being recognized as an important and effective solution to stormwater pollution control in Malaysia over the last 10 to 15 years. In reality there are still lots of trial and error happening, as engineers learn what works and what doesn't by designing and installing solution with varying degrees of success. An overview of the approach to stormwater pollution management in terms of planning and design can be broken down into five key areas:

- **Prevention:** Regulations, education, industry audits and better planning.
- **Source control:** Pit baskets, streets sweeping, having spill control kits and WSUD.
- **Primary treatment:** CDS units, GPTs, trash racks, nets, booms and sediment basins.
- **Secondary treatment:** Via rain garden wetlands, swales, infiltration and media filtration.
- **Tertiary treatment and reuse:** Biological treatment, disinfection, storage and reuse.

ABOUT THE SPEAKER:



Ir Lee Loke Chong obtained his B. Eng. (Hons) from University of Malaya in 1978 and a Post-graduate Diploma in Hydraulic Engineering from Institute of Hydraulic and Environmental Engineering (IHE), Delft, the Netherlands in 1985. He joined the Department of Irrigation and Drainage (DID) in 1978 and had served as District Engineer, Design Engineer, Project Manager and State Director from 1978 to 2011. Ir Lee Loke Chong has over 37 years of working experience both in the Government and private sector. He has extensive

knowledge and experience in the fields of irrigation, drainage, and flood control and storm water management. He was involved in the design and implementation of several major World Bank Financed Projects, namely, the Trans-Perak Irrigation Development Project, the Northwest Selangor IADP, The Western Johore IADP and the Pahang Barat IADP. He held several key positions in the department, which include State Director, Department of Irrigation & Drainage (DID) for Selangor and Wilayah Persekutuan Kuala Lumpur; Director of Project Management Division and lastly Director of Design & Dam Division at DID Headquarters before his retirement. Ir Lee Loke Chong is a Professional Engineer (P.E.) with the Board of Engineers, Malaysia, and also a Certified Professional in Erosion & Sediment Control (CPESC) with Enviro Cert. International, USA. He was attached to the Project Delivery Partner team for the River of Life River Restoration Project, NKEA Greater Kuala Lumpur / Klang Valley River of Life Project from 2011 to 2014. He is currently the Business Development Manager of EcoClean Technology Sdn. Bhd.

Ir. Wong Win Heng
Chairman, Session 2016 / 2017
Building Services Technical Division, IEM

ANNOUNCEMENTS TO NOTE:

- Preferential admission to talk shall be accorded to IEM members (pre-registration and online registration are NOT required). Telephone and/or fax reservation will NOT be entertained.
- 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.
- For members of affiliated organisations, there will be no registration fee payable. However, they are requested to produce their membership card as proof of membership. For the list of affiliated organisations, please refer to IEM website at www.myiem.org.my under International/MoU.
- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- IEM members are required to produce membership cards for confirmation of attendance (CPD purpose).
- Latecomers will not be allowed to enter if the lecture hall is full nor be entitled to CPD.
- ***IEM members who fail to produce their membership cards will be charged a fee of RM25.00. GST is 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.

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