

2 CPD / PDP
(BEM Approved CPD / PDP Hours)
Ref. No.: **IEM18/SWAK/137/T**



Technical Talk on Green Pavement Technology

Date : 14th April 2018 (Saturday)
Time : 5.00pm – 6.30pm
Venue : Seminar Room 1, Hills Shopping Mall, Kuching
Speaker : Dr. Mah Yau Seng, Darrien

SYNOPSIS

The shortcoming of conventional asphalt roads lies in the imperviousness of the road surfaces. Stormwater tends to accumulate on the road surfaces during storm events, and in some worst cases, flash flooding would occur when road drainage is insufficient to pass the water away. Flash floods have been known to disrupt lives and activities of many urban dwellers.

On the other hand, StormPav Green Pavement System is a new form of permeable road. It consists of three concrete pieces to make up a single modular unit. StormPav Green Pavement System could be used to capture stormwater normally accumulated on tarred road surfaces. This feature was demonstrated to bring advantage to rural roads on peat that scattered over coastal areas of Sarawak. Feeding the captured stormwater to the peat soil under a road could nourish the peat to arrest its natural decay process. Early performance of pilot study of StormPav Green Pavement System is encouraging a change in constructing rural roads, and at the same time, cultivating a care to the peatlands that a road may cross over. These were the major contributions StormPav could offer to Sarawak and other Malaysian States laden with peat problem.

Objectives:-

1. To introduce the concept and historical development of permeable pavement;
2. To introduce a permeable pavement developed by the Universiti Malaysia Sarawak, named StormPav Green Pavement System;
3. To highlight a pilot study of StormPav Green Pavement System implemented in Kuching.

BIODATA OF THE SPEAKER

Dr. Mah Yau Seng, Darrien obtained his PhD (Water Resources Engineering) from UNIMAS in 2009, Master of Engineering (By Research) from UNIMAS in 2006 & Bachelor of Engineering (with Honours) (Civil Engineering) from UNIMAS in 2003.

He is a Graduate Member of Board of Engineers Malaysia and Graduate Member of The Institution of Engineers Malaysia and International Association of Hydro-environment Engineering & Research (IAHR). Currently he is a Senior Lecturer, Department of Civil Engineering, Faculty of Engineering, Universiti Malaysia Sarawak

PROGRAMME

5.00pm – 5.10pm	Registration
5.10pm – 6.30pm	Technical Talk on Green Pavement Technology
6.30pm	End

THE INSTITUTION OF ENGINEERS, MALAYSIA (SARAWAK BRANCH)

Ultimate Professional Centre, 2nd Floor, No. 16, Jalan Bukit Mata Kuching, 93100 Kuching, Sarawak.
Tel: 082-428506 Fax: 082-243718 Email: iemsarawak@gmail.com Website: www.iemsarawak.org

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REGISTRATION FORM

Fees

IEM Member	RM25.00
Non IEM Member	RM35.00

Closing Date for Registration & Payment: 12th April 2018, Thursday (not later than 5:00pm)

To: Secretariat

The Institution of Engineers Malaysia (Sarawak Branch)

No. 16, Jalan Bukit Mata Kuching

93100 Kuching

Tel: (082) 428 506 Facsimile: (082) 243 718

E-mail: iemsarawak@gmail.com Website: www.iemsarawak.org

For the purpose of BEM-approved CPD/PDP hours, all IEM Members must provide their registration number.

No.	Name(s) in CAPITALS	Email Address	IEM No.	Fee (RM)
Total				

Enclosed herewith, a crossed cheque no.: _____ for the sum of RM_____ issued in favour of **"IEM (Sarawak Branch)"** or **Direct Bank in to The Institution of Engineers Malaysia (Sarawak Branch), Standard Chartered Bank, Account No. 420-1-5651-8528**. Kindly fax us your payment slip for direct bank-in and quote our reference when making payment. I/We understand that the fee is not refundable for no-show/cancellation after my/our registration (is) is/are accepted but substitution of participant(s) will be allowed. The Organizer reserves the right to cancel, alter or change the programme due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes.

Name of Department/Organization: _____

Address: _____

Tel (0): _____ Fax: _____ E-mail: _____

Contact Person: _____ Designation: _____

Date: _____

Signature: _____

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