

GBI WORKSHOP 2020

# WE (Water Efficiency) CALCULATOR

1<sup>st</sup> April 2020 | Wednesday | 9:00am - 4:30pm

Camelia Room, MyIPO, Level 12A, Tower B  
Menara UOA Bangsar

Registration Fee :

RM 400 for malaysiaGBC Member

RM 450 for Affiliated Member

RM 500 for Non Member

Pre-requisite information for participants :

The WE Calculator software could be download  
(FREE) from the website link as follows:

[https://new.greenbuildingindex.org/Files/Resources/GBI%20Documents/WE%20Calculator%20V1.1a%202018\\_final.xlsm](https://new.greenbuildingindex.org/Files/Resources/GBI%20Documents/WE%20Calculator%20V1.1a%202018_final.xlsm)

# FREE SOFTWARE

HRDF  
Claimable



Organised by



Established Member of



In Partnership with



malaysiaGBC Platinum Partner 2020



malaysiaGBC Gold Partner 2020



malaysiaGBC Silver Partner 2020



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Tower B, Menara UOA Bangsar

## Programme

- 0900 Registration & Setting Up Laptops with GBI WE
- 0930 Opening Address by malaysiaGBC President
- 0945 How GBI WE Calculator Works
- 1100 Coffee Break
- 1115 WE Exercise 1: Residential Building (Landed)
- 1215 WE Exercise 2: Residential Building (Highrise)
- 1315 Lunch
- 1415 WE Exercise 3: Office Building
- 1515 WE Exercise 4: Hotel
- 1615 Question & Answer Session
- 1630 Coffee Break & End of Workshop



**Ir. Lam Kim Seong**  
**GBI Accredited Facilitator**  
*Green Building Index Sdn. Bhd.*

Ir. Lam Kim Seong holds a Bachelor of Engineering (Hons.) Degree in Mechanical Engineering from the University of Malaya and is a registered Professional Engineer with the Board of Engineers, Malaysia and is an GBI Accredited Facilitator. Ir. Lam is a Corporate Member of the Institution of Engineers, Malaysia (IEM), a member of the ASHRAE Malaysia Chapter, Association of Consulting Engineers Malaysia (ACEM). He was involved in the GBI Facilitator course as Trainer and Examiner.

Ir. Lam is also active in various professional bodies. He is a board member of MASHRAE and represents IEM, ACEM and MASHRAE in various technical working groups under SIRIM, Ministry of Energy, Science, Technology, Environment & Climate Change (MESTECC) and Suruhanjaya Perkhidmatan Air Negara (SPAN).

## Water Efficiency Calculator

The integrated water-use and water efficiency calculator software will assist the user to determine the most viable water efficiency strategy to be adopted.

Key functions include:

- perform calculations under the water efficiency criteria of Green Building Index tools
- Streamline calculation in line with the credits under water efficiency criteria
- Ease the calculating and subsequent checking and assessment process

Main features:

Rain Water Harvesting Simulation

Determination of water consumption for different types of building occupancy for

- water fittings and fixtures
- water cooled air conditioning system
- landscape irrigation
- water features

Use of alternative water sources such as recycled waste water, air conditioning condensate water recovery and rainwater is included in the calculator.

The program will generate the anticipated use of water for different operations and integrated in totality. Various scenario of resultant water consumption may be then be computed to assist the user to simulate different water efficiency strategies.

# Registration Form

## REGISTRATION FEES

- RM 400      malaysiaGBC Member
- RM 450      GBI Facilitator / Affiliated Member ( MASHRAE PAM, MIID, ACEM, IEM, RISM, PPK, ILAM, MBAM, MTC, FMM (MIMG), CIOB, FIABCI, SHARED, IET, FMM-MCIG, ISI )
- RM 500      Public / Other

## PAYMENT DETAILS

Payable to : **Malaysia Green Building Council**

Account No. : **5142 5353 3659**

Bank : **Maybank**

Payment method :  Cheque - Amount (RM) \_\_\_\_\_ Cheque No. \_\_\_\_\_

Cash - Amount (RM) \_\_\_\_\_

Bank Transfer - Amount (RM) \_\_\_\_\_

## REGISTRATION FORM

I hereby confirm my registration with the following details:

TITLE AR / IR / SR / MR / MRS / MS

FULL NAME

NRIC / PASSPORT No.

COMPANY NAME

COMPANY ADDRESS

I am a/an :

- Architect
- Civil Engineer
- Mechanical Engineer
- Electrical Engineer
- Surveyor
- Other (Please state)  
\_\_\_\_\_

POSTCODE

TOWN/CITY

STATE

MOBILE

TEL

FAX

EMAIL

I AM A MEMBER OF

MEMBERSHIP NO.

FOR CPD CREDITS PURPOSES (Select One) LAM / BEM / GBI / BQSM

MEMBERSHIP NO.

VEGETARIAN (Tick applicable)  YES  NO

Please send this registration form to: **cpd@mgbc.org.my** or **Fax: +603 2284 8232**

Closing date for registration: **27<sup>th</sup> March 2020 , Friday**