

Talk on “Hydrological Impacts on the Land Use – Change on Streamflow Quantity in Tropical Catchment”

Organised by Water Resources Technical Division, IEM

BEM Approved CPD/PDP Hours: Applying

Date : 28th April 2018
Time : 11.00am – 1.00pm
Venue : TUS & C&S Lecture Hall, 2nd Floor, Wisma IEM
Speaker : Ir. Ong Hon Lim

SYNOPSIS

Urban development increases flood risk in cities due to local changes in hydrological and hydro meteorological conditions. The relationship between the increasing urban runoff and flooding due to increased imperviousness is better perceived than that between the cyclic impact of urban growth and the urban rainfall via microclimatic changes.

Malaysia is a tropical climate country and has high intensity rainfall events. This can lead to flooding especially in urban areas where land surface is covered with impervious materials. With the increasing rate of urbanization, Malaysia as one of the developing countries in tropical region (with high rainfall intensity) has higher chance of being flooded. Therefore, it is important to study the potential flooding impact of such continuous change in land use by a hydrologic-hydraulic model to predict the flood prone areas for different scenarios of land use change and design rainfall.

BIODATA

Ir. Ong Hon Lim started his career as a civil engineer with private consultant. He graduated with a Degree in Civil Engineering from University Malaya in 2001. Later he graduated with a Master in Engineering Science from Monash University in 2017.

In 2002, he started his career with the Government as a Civil Engineer in Department of Irrigation and Drainage Malaysia. He was with Coastal Engineering Division from 2002 to 2009 and later with DID Selangor before joining Flood Mitigation Division. He is currently handling flood mitigation projects in the Northern Region.

Ir. Dr. Wong Wai Sam
Chairman
Water Resources Technical Division, IEM

ANNOUNCEMENT TO NOTE

FEES FOR TALKS

Members

Registration Fee
Free of Charge - FOC

Administrative Fee

Online - RM15.00

Walk In-RM20.00

Non-Members

Registration Fee:
RM50.00

Administrative Fee:
RM20.00

Limited seats are available on a "first come first served" basis (maximum 100 participants).

To secure your seat, kindly register online at www.myiem.org.my

PERSONAL DATA PROTECTION

ACT

I have read and understood IEM's Personal Data Protection Notice published on IEM's website at www.myiem.org.my and I agree to IEM's use and processing of my personal data