

## Talk in iRAP on Motorcycle at Urban Environment

Organised by the Highway & Transportation Engineering Technical Division  
BEM Approved CPD/PDP Hours: 2 Ref No: IEM20/HQ/011/T

**Date** : 14<sup>th</sup> Jan 2020 (Tuesday)  
**Time** : 5.30pm to 7.30pm (*Refreshment will be served in Ground Floor*)  
**Venue** : Auditorium Chin Fung Kee, 3<sup>rd</sup> Floor, Wisma IEM  
**Speaker** : Mr. Alvin Poi Wai Hoong

### SYNOPSIS

In Malaysia, motorcyclists account for almost 70% of road fatalities in urban areas due to high exposure to collision with other motorized vehicles. As the country is undergoing rapid development in the city centers, the road environment become more challenging for motorcyclists to use in a safe manner. Reduced lane width in construction zones for example increases the proximity between motorcyclists and other vehicles and thereby elevating the risk of collision. A fall even in low speed impact could prove fatal among motorcyclists especially due to injuries to the head. Owing this, the Malaysian Institute of Road Safety Research (MIROS) has been conducting various research works to find ways to mitigate the risks among motorcyclists from the perspective of the road environment, the vehicle as well as the behavior. Recently, MIROS has undertaken its research agenda a step further in a joint collaboration work with several international research institutes in developing an assessment model for motorcyclist safety in urban areas through the International Road Assessment Programme (iRAP) platform. This session will discuss about the work carried out by MIROS to tackle road traffic injuries among motorcyclists and how iRAP contributes to the effort.

### Biodata of Speakers

**Mr. Alvin Poi Wai Hoong** obtained his first degree in civil engineering and Master of Science in Highway & Transportation Engineering at University Putra Malaysia (UPM) and has been involved in the field of road safety research for 14 years. Upon graduation, he joined the Road Safety Research Centre (RSRC) in UPM as a Research Assistant before working as a research officer at the Malaysian Institute of Road Safety Research (MIROS) in 2007. Over the 12 years in MIROS, he has been involved in projects dealing with road safety auditing (RSA) and road assessment programs focusing on effects of road attributes towards the level of safety. Apart from this, Alvin Poi is also actively involved in the International Road Assessment Program (iRAP) and the Kuala Lumpur City Hall Task Force for Traffic Management and Public Transportation. He has been working closely with the road authority in the effort of making use of the concept to identify and improve high risk roads in our country.

**Assoc. Prof. Ir. Dr. Khoo Hooi Ling**  
**Chairman**

**Highway and Transportation Engineering Technical Division, IEM**

### ANNOUNCEMENT TO NOTE FEES

#### Members

Administrative Fee :

<u>Online</u>	RM15
<u>Walk In</u>	RM20

#### Non-Members

Registration Fee: RM50  
Administrative Fee: RM20

Limited seats are available on a "first come first served" basis  
(Maximum 60 participants).

- To secure your seat, kindly register online at [www.myiem.org.my](http://www.myiem.org.my)

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