

## 2-Day Online Course

# DATA MANAGEMENT FOR SUSTAINABLE TRANSPORT AND MOBILITY

**BEM Approved**  
**CPD/PDP Hours: 8.5**  
Ref: IEM21/PG/313/C(w)

### Day 1

**Date:** 04 Oct 2021 (Mon)

**Time:** 8.30am – 1.00pm

#### Moderator:

**Pn. Shafida Azwina Mohd. Shafie**

#### Via Zoom Platform

*Details of Zoom will be provided 2 days before the event.*



**Prof. Dato' Dr. Ahmad Farhan Mohd Sadullah**

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### Synopsis:

Transportation and mobility have played their roles in our lives. While our aspiration has always been for an accessible, reliable, seamless and safe transport system, our experience has not been exactly so. We need to close all possible gaps, encompassing the planning, design, delivery, and operations stages of the transport system. It has been challenging for Malaysia for many years.

One of the most important enablers for all the needed efforts is data. Without data, all our actions maybe misguided, as they will not be evidence-based. However, as the support system for data in Malaysia is generally poor, the actualization of the fullest potential of data can be challenging. Data not only need to be available, but also need to be accurate, timely, with enabling characteristics.

This webinar will focus on data management for sustainable transport and mobility. This is to ensure that all of us professionals and practitioners will regard, appreciate and be competent in ensuring that data will be a critical item in our deliberations and decision-making processes. The webinar attempts to explain the role of data by giving examples of data requirements, and how they are used in our work, to ensure Malaysia's transportation and mobility continue to be sustainable to the benefit of the nation and its people.

### Day 1

Time	Topic	Synopsis
8:30am – 10:30 am	The Importance of Data and its Management in the Transport Eco System	The complex and the extensiveness of our transport eco-system, particularly for the Malaysian setting will be given. This will provide the backdrop to the content of this webinar series. The importance of evidence-based decisions, based on data and its management will be emphasized through examples of applications.  <b>Speaker: Professor Dato' Dr. Ahmad Farhan Mohd Sadullah</b>
10.30am – 10.40am	Break	
10.40 am – 12.40 pm	Road Safety	Road safety is a problem in Malaysia that refuses to go away. We need new approaches, and data management will be key to them. We will explore how good and effective data management can play a better role.  <b>Speaker: Professor Dato' Dr. Ahmad Farhan Mohd Sadullah</b>
12.40pm – 1:00pm	Q&A	

## 2-Day Online Course

# DATA MANAGEMENT FOR SUSTAINABLE TRANSPORT AND MOBILITY

### Day 2

Date: 05 Oct 2021 (Tues)

Time: 8.30am – 1.00pm

#### Moderator:

**Pn. Shafida Azwina Mohd. Shafie**



**Assoc. Prof. Ir. Ts. Dr. Leong Lee Vien**

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**Assoc. Prof. Dr. Nur Sabahiah Abdul Sukor**

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### Day 2

Time	Topic	Synopsis
8:30am -10:30 am	Traffic Impact Assessment	Traffic Impact Assessment or more commonly known as TIA is an imperative transportation planning approach used to evaluate the potential impacts of new development on its surrounding road network. The types of data, methods of data collection, the application of various traffic parameters and analysis related to traffic studies will be reviewed and discussed.  <b>Speaker: Associate Professor Ir. Dr. Leong Lee Vien</b>
10.30am – 10.40am		Break
10.40 am – 12.40pm	Public Transport	Sustainable public transportation is one of the key components of the United Nations 2030 Agenda for Sustainable Development and the 17 Sustainable Development Goals (SDGs). An efficient public transport system is needed to connect people, communities, societies, builds new markets and enhances the overall quality of life. It is vital to understand the methods of data collection and data management to enhance public transportation services.  <b>Speaker: Associate Professor Dr. Nur Sabahiah bt Abdul Sukor</b>
12.40pm – 1.00pm		Q & A

#### Registration Fees

Non-Members	IEM Members	IEM Students
RM400	RM350	RM150



Scan QR code to register:

Or Click this link: <https://event.iempenang.org>