

## Webinar: New Approach to Design Road & Embankment Stabilization

**Date** : Friday, 12<sup>th</sup> November 2021  
**Time** : 10.00 a.m. – 12.00 p.m. (Registration start at 9.45 a.m.)  
**Venue** : ZOOM Application  
**Speaker** : Ir. Saifuddin Bin Sheafi, MACCAFERRI (Malaysia) Sdn. Bhd.

### Synopsis

The construction industry is the top global consumer of raw materials, contributing 25% to 30% world's carbon emissions. Therefore, sustainable option on road & embankment is crucial for the client to minimize concrete and steel structures on their system, at the same time, to increase cost-effectiveness and performances on construction lead times. Public awareness regarding requirements on the environmental quality solution has increased dramatically. Less concrete and greener solutions are implemented in most of the development schemes nowadays. Sustainable engineering solutions on the road & embankment have become equally important in reducing carbon imprint emission, with the option to green approach as well as eliminating concrete usage.

Whether constructing a gravel forestry track over soft soil or resurfacing a multi-lane highway, there are various solutions to provide rigorous demands of today's road. Resources are becoming scarce, and road pavement require a longer service life for less money. In our effort to reduce materials costs, Maccaferri's leading range of pavement and ground stabilization products can help achieve these goals.

The speaker will introduce the up-to-date sustainable engineering solutions on the road and embankment with eco-friendly, light, and cost-competitive structures as well as the ecological footprint of each building site.

### About the Speaker:

**Ir. Saifuddin Bin Sheafi** obtained his Bachelor of Engineering (Civil) from Universiti Teknologi Malaysia in 2006. He is a Professional Engineer (P. Eng.) registered with the Board of Engineers, Malaysia (BEM) and Corporate Member (MIEM) of The Institution of Engineers, Malaysia (IEM). Currently, he is a Technical Manager at MACCAFERRI (Malaysia) Sdn. Bhd. He has more than 15 years of experience in mining, Water Resources, and hydropower projects for local and international clients. He is responsible for all aspects of engineering projects from design, commissioning into operation across traditional project delivery and EPCM. Major assignment includes mine tailings dams, hydropower dam, mine waste dumps, flood mitigation and coastal protection, rock and soil slope stability, instrumentation and monitoring, dam safety management, and risk assessment.

### Participant Fees:

	Online
IEM Member	RM 30.00
IEM Student Member	RM 10.00
Non-Member	RM 60.00

**Closing Date: 10<sup>th</sup> November 2021**

The webinar is strictly limited to **90 participants** only. Registration will be on a first-come-first-serve basis. Kindly return the reply slip to the IEM (SB) office before **10<sup>th</sup> November 2021** together with a non-refundable cheque for the participant fees made payable to **The Institution of Engineers, Malaysia (Southern Branch)**. Alternatively, you could bank-in the participant fees into the Institution's Maybank Current Account (No. 5-013920-15708), and to facsimile both the Bank-in and Reply Slips to the Institution. The Institution requests all members co-operation in ensuring fees are paid in advance to the seminar. Please also be reminded that fees will not be refunded to absent participants who have paid, and to also note that all reservations must be paid despite participant cancellations. Thank you for your continuous support of the Institution.

*Chairman, Sub-Committee on Seminar and Technical Talk, IEM (SB)*

**BEM Approved  
CPD Hours: 2.0  
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**REPLY SLIP**

To: Hon. Secretary, The Institution of Engineers, Malaysia (Southern Branch) **Fax: 07 – 3363406**

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Via ZOOM Application

*Link will be provided after registration*

I wish to attend the above talk. I enclosed herewith a cheque no..... for the amount of RM..... as payment for the participant fee.

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  - Participants are to login with FULL NAME as verification of Attendance for the whole duration of the event.

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