

WEBINAR TALK ON SUSTAINABLE ENGINEERING SOLUTION FOR ROAD INFRASTRUCTURE

3 MAY 2023 | 10.00 AM-12.00 PM

BEM Approved CDP: 2 Hours Ref. No.: IEM23/HQ/103/T(w)

Synopsis

Engineer faces many engineering challenges developing transportation infrastructure. Road alignment may traverse through difficult and challenging ground condition with multiple geological and/or hydrological hazards.

We need to prioritize the sustainability and the long-term performance of the infrastructure without compromising the speed and feasibility of design and construction.

Many aspects must be taken into consideration to the design such as long-term durability and performance, resilience to climate change, constructability, and flexibility.

This webinar will focus on sustainable concept into selection of retaining structures, soil, and slope stabilization, rockfall protection and hydraulic works. It will also include challenges and solution together with lesson learnt from several case history.

Speaker's Biodata



Ir. Saiffuddin bin Sheafi

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Maccaferri (Malaysia) Sdn Bhd*

Ir. Saiffuddin bin Sheafi has over 17 years of civil engineering experience in the design, construction and safety of large infrastructure for hydropower and mining sectors. He has participated in various projects in Australia, Canada, Malaysia, Papua New Guinea and Indonesia.

Major assignments include dams and tailings storage facilities, tunnel and underground structures, mine waste dumps, rock and soil slope assessment, dam safety review and management, oil and gas pipelines, coastal protection and risk assessments.

Registration fee

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