

WEBINAR TALK ON KEY CONSIDERATIONS IN DESIGNING REINFORCED SOIL STRUCTURES WITH PARAMESH

Date : 30 June 2026 (Tuesday)

Time : 3.00 pm - 5.00 pm

Platform : ZOOM Webinar

Registration Fees:

- **Student Member : FOC**
- **IEM Member : RM 15.00**
- **Non-Member : RM 70.00**

Synopsis:

Reinforced soil structures present unique challenges that require careful consideration to ensure stability, durability, and sustainability. Engineers often face decisions regarding the right reinforcement materials, optimal spacing, and strategies for managing long-term corrosion and environmental impacts. Additionally, there is a growing demand for more sustainable solutions, all while keeping project costs in check.

In this webinar, we will address these challenges by focusing on key design aspects of reinforced soil structures using Terramesh. Topics include reinforcement strategies, durability considerations, and how eco-friendly designs can be both efficient and cost-effective.

Speaker : Ir. Mohd Rizal bin Ahmad

Ir. Mohd Rizal bin Ahmad is a geotechnical engineering professional with over 17 years of experience spanning consultancy, specialist contracting, and advanced geosynthetic applications across Malaysia and Southeast Asia. He currently serves as the Business Development Manager at Maccaferri Malaysia, where he plays a pivotal role in promoting sustainable, high-performance systems in major infrastructure and slope stabilization projects.

Ir. Rizal's core expertise includes ground improvement, reinforced soil structures, basal reinforcement, and the integration of geosynthetics in challenging soil environments. He has contributed to high-impact projects throughout Malaysia and Indonesia.

A strong advocate for innovation in geotechnical engineering, Ir. Rizal promotes the adoption of automation and digital technologies, particularly IoT-based early warning systems for real-time monitoring and predictive slope failure detection.

He has delivered invited lectures at international conferences and is committed to advancing industry standards through knowledge-sharing, integrated design approaches, and sustainable engineering practices.

