

REGISTER NOW !!!

18th FEB 2023
(Saturday)

9 AM - 1 PM

Auditorium Tan Sri
Prof. Chin Fung Kee,
Third Floor Wisma IEM

Registration Fee
Student Member : RM40
Graduate Member : RM75
Corporate Member : RM125
Non-IEM Members : RM200

BEM Approved CPD : 4
Ref No : IEM22/HQ/270/S

Explore the Application of Geogrids
in Civil Engineering :

PRINCIPLE AND DESIGN OF REINFORCED SOIL STRUCTURES WITH BS8006

Since the 1980s, geogrids have been developed and used as reinforcement in earth-retaining structures. The development of geosynthetic materials as reinforcement for RSS continues to advance, and improvements are being made in the way RSS is designed and constructed. The design of RSS is dependent on the interaction of soil and geogrid. The common design method used in Malaysia is the Tie-back Wedge method, which is in accordance with BS8006, and actual load bearing abutments have been constructed using this design method!

This course will cover the following topics:

1. Introduction to Reinforced Soil Structures (RSS)
2. Types of geogrids that are used in RSS
3. RSS design using Tie Back Wedge Method with BS8006: 2010
4. Case Studies

ABOUT THE SPEAKER !

Ir. Lau Joe Jiunn, received his Bachelor of Engineering with Honours BEng (Hons) First Class Honours from the University of Putra Malaysia. He is a registered Professional Engineer with BEM and a corporate member of IEM. Upon graduation, he worked as a Geotechnical Engineer who was actively involved in the design and project management of various infrastructure projects locally and overseas. He deals with various geotechnical works, including shallow and deep foundations, deep excavations and retaining structures, slope stability analyses, and ground improvement works in marine clay. Currently, Ir Lau serves as the Design Manager for Tensar International Limited, responsible for the APAC region.

Who Should Attend ?

Civil engineers, project management personnel, and any person involved in designing and managing any project in the construction industry.

SPEAKER
Ir. Lau Joe Jiunn
(B.Eng. Hons., P.Eng., MIEM)
Design Manager for Tensar
International Limited

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