

# WEBINAR TALK ON CASE STUDY ON SPUN PILES AND BORED PILE FOUNDATION DESIGN AND CONSTRUCTION USING EUROCODE 7 WITH LOAD TEST VERIFICATION

BEM APPROVED CPD/PDP: 2

REF. NO.: IEM22/HQ/050/T(W)

## Speaker:

# Ir. Cheah Siew Wai



## 18 MARCH 2022, FRIDAY

## 4 PM - 6 PM

**Registration Fees**

**Student Members : Free**

**IEM Members : RM 15.00**

**IEM Non Members : RM 70.00**

**Register online | [www.myiem.org.my](http://www.myiem.org.my)**

# SYNOPSIS

With emergence of Eurocode 7: Geotechnical Design in 2004, review on applicability of limit state to geotechnical designs had taken place in various countries including Malaysia. This presentation will share some case history studies on foundation using design EN 1997-: Eurocode 7: Geotechnical design on spun pile foundation and bored pile foundation. Design approaches using Eurocode 7 on spun piles and bored piles foundation in comparison with foundation design approach using British Standard will be shared in the presentation. In addition, instrumented test piles results will also be shared on verifying performance of foundation designed by Eurocode 7.

## SPEAKER'S PROFILE

Ir. Cheah Siew Wai obtained his Bachelor of Engineering (Civil) from University of Technology, Malaysia in 2002. He has been involved in design and construction of various geotechnical specialist works in the past 20 years such as foundation for highrise buildings of more than 60 storey, deep excavation for sewerage pump station (up to 16m deep), excavation for building basements, geotechnical assessment and temporary works design for KVMRT Line 2, KVLRT Line 3, East Coast Rail Link (ECRL), etc. He has published technical papers on geotechnical engineering in international and local conferences. His research interests include foundation, deep excavation, soft ground engineering and slope stabilisation. He was the committee member for Geotechnical Engineering Technical Division (GETD) of IEM for Session 2017/2018 and 2018/2019.