

WEBINAR TALK ON THE CHALLENGES OF ECRL SUBGRADE AND GROUND TREATMENT WORKS WITH THE FUSION OF MALAYSIA AND CHINA DESIGN CODE OF PRACTICE.

BEM APPROVED CPD/PDP: XX REF. NO.: IEM21/HQ/XX/T(W)



Speaker:

Ir. Dr. Yew Wan Tian

**7 DECEMBER 2021,
TUESDAY
5PM - 7PM**

Registration Fees
(effective 1st August 2020)
IEM Members : RM 15.00
IEM Non Members : RM 70.00
Register online:
click here: www.myiem.org.my

SYNOPSIS

ECRL project is a Malaysia government initiative for an integrated transport planning for better Malaysia. It consists of 3 sections from Kota Bahru to Port Klang, which splits into Section A (Kota Bahru to Dungun), Section B (Dungun to Temerloh) and Section C (Temerloh to Port Klang). ECRL has initiated construction in Section A and B with the appointed authors' designated consultant. The current discussion will be focus on Section A&B from Kota Bahru to Kuantan, where most soft spots are located along the alignment. The challenges including soft soil with the depth up to 26m, peat soil with up to 90% organic matter, obstructions of ground treatment due to the existing railway embankment from previous project will briefly discussed in this event.

Both subgrade and ground treatment design principles are finalized prior to the design process. Both design principles have taken the initiative to balance and fulfill both countries design practices (i.e. TB codes, US standards, GB codes, JKR code of practice, BS and MS) and the economic needs without compromising the safety requirements.

SPEAKER'S PROFILE

Ir. Dr. Yew Wan Tian graduated with a Bachelor of Engineering (First Class Honors) in Civil Engineering from University Tun Hussein Onn Malaysia in 2013. In 2017, she obtained her PhD at University of Malaya. She is currently an Associate of Meinhardt (Malaysia) Sdn. Bhd. She has 9-years of experience in the design of civil infrastructure and geotechnical projects for Meinhardt like MyHSR (RDC1 & RDC3), ERCL, LRT3 and MRT in Malaysia and Overseas. She has been involved in design management, design of geotechnical/slope works, deep basement excavation, drainage, sewerage and water supply for infrastructure and building Projects.