MALAYSIAN GEOTECHNICAL SOCIETY (PERTUBUHAN GEOTEKNIKAL MALAYSIA)

WEBINAR

Application of the Equivalent Pier Method for Prediction of Pile Group /Piled Raft Performance -Case Study

20th October 2026

(Tuesday)

4.00pm

SPEAKER: Ir. Desmond Lee

Associate, Arup Jururunding

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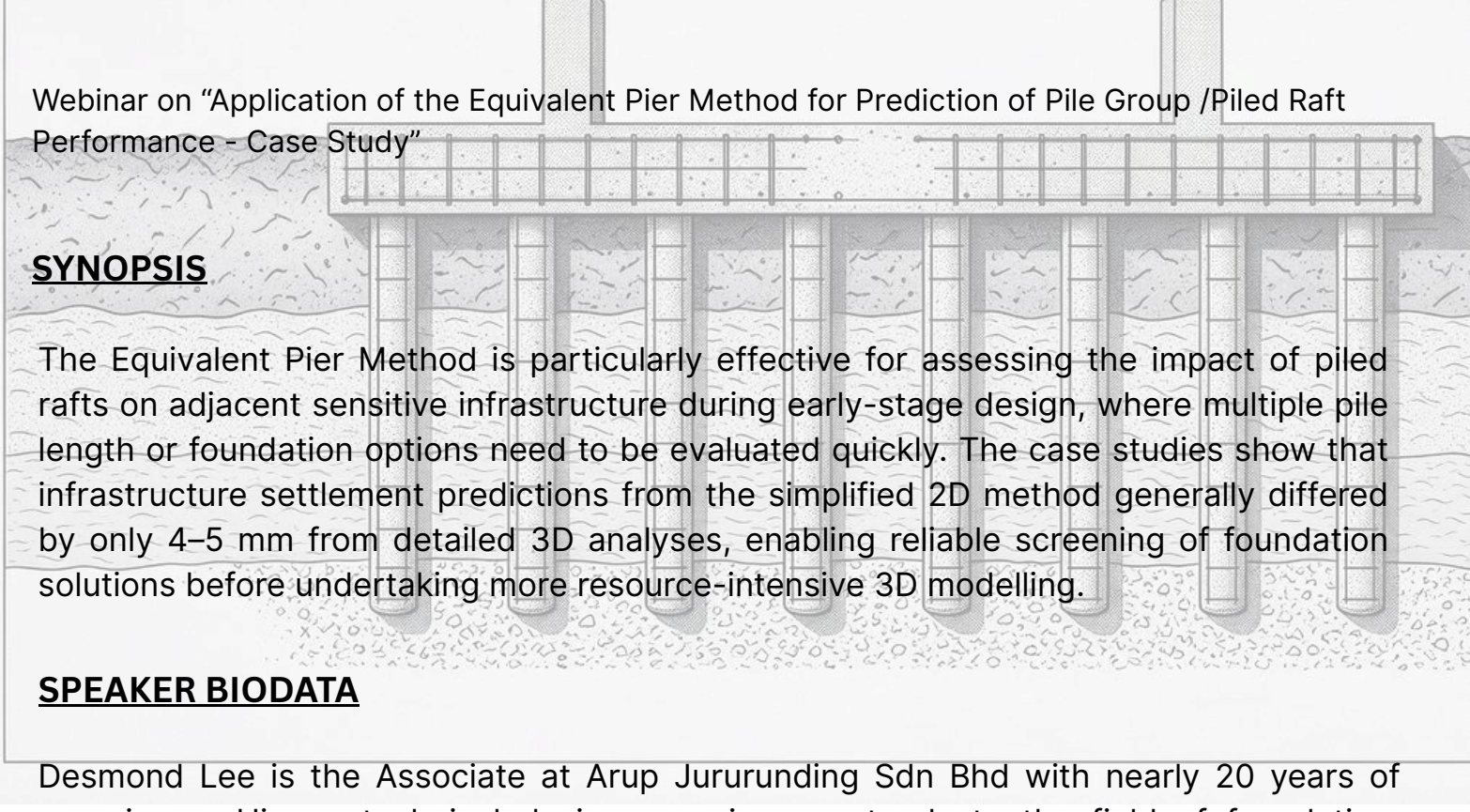
Webinar on “Application of the Equivalent Pier Method for Prediction of Pile Group /Piled Raft Performance - Case Study”



SYNOPSIS

The Equivalent Pier Method is particularly effective for assessing the impact of piled rafts on adjacent sensitive infrastructure during early-stage design, where multiple pile length or foundation options need to be evaluated quickly. The case studies show that infrastructure settlement predictions from the simplified 2D method generally differed by only 4–5 mm from detailed 3D analyses, enabling reliable screening of foundation solutions before undertaking more resource-intensive 3D modelling.

SPEAKER BIODATA

Desmond Lee is the Associate at Arup Jururunding Sdn Bhd with nearly 20 years of experience. His geotechnical design experience extends to the field of foundation, retaining structure, deep basement excavation and construction, site investigation, instrumentation and monitoring work.

Starting April 2025, webinar presentation slides will ONLY be made available in the MGS Website Members Area upon speaker's consent.

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*****IMPORTANT*****

✓ Each approved registrant will receive a unique Zoom link for the webinar.
✓ A minimum attendance of 75% is required in order to obtain a certificate of attendance.