

Malaysian Geotechnical Society

Webinar – Talk on “Design and Construction of Geotube® Containment Dyke on Soft Marine Clay: Vietnam Experience”

15th December 2021 (Wednesday), 5.00 pm – 7.00 pm

BEM Approved CPD Hours: 2 Ref. No.: IEM21/PP/066/T(w)
Qualified for 2 PDUs by PEB



Ir. Albert Lim
Regional Manager, TenCate Geosynthetics Asia Sdn Bhd

Ir. Albert Lim is a Professional Engineer with a Master of Science from the University of Mississippi. He involved in the research project, "Prediction of Pavement Remaining Life" funded by the Mississippi State Highway Authority, USA. Albert has travelled extensively in the Asia Pacific region providing his expertise to geo-hydraulic and geotechnical engineering problems over the past 20 years and has conducted many short courses and lectures on geosynthetics to government agencies, engineering institutions, consultants and contractors. He has also authored more than 30 technical publications in both local and international conferences.

SYNOPSIS

Geotextile containment has been used in a wide variety of hydraulic and marine engineering applications for many years. One of its forms is geotextile tubes, which are a long, tubular, sausage-like units that can be formed in situ either on land or in water. The geotextile tubes are made of permeable yet sand tight geotextile which allowed hydraulic filling of sand into it. Geotextile tubes are often used for a range of marine engineering applications including revetments, offshore breakwaters, protection dykes, containment dykes, training walls and groynes.

The speakers will share the design methodology of geotextile tubes together with 2 project case studies in Vietnam. The first case study will be on the usage of geotextile tubes for the construction of Lach Huyen bridge, the longest sea-crossing bridge in Vietnam. The second case study will be on the geotextile tubes containment dyke constructed for the land reclamation in Deep C 2, part of the Deep C Industrial Zone. As the geotextile tubes are exposed to environment throughout the construction period, it is crucial to ensure the geotextile tubes exhibit high resistance to UV degradation and weathering. Geotextile samples are extracted from sites to examine its durability.

Registration Fee:

MGS / IEM / GeoSS / CTGS Members: **FREE**

Non Members: **RM20.00 per person**

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2) PayPal (account: mgs@mygeosociety.com)

3) Online Money Transfer Platforms (such as Wise)

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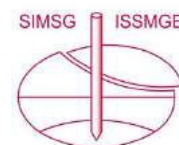
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Ir. Dr. Dominic Ong
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Malaysian Geotechnical Society



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