



香港岩土及岩土環境工程專業協會
ASSOCIATION OF GEOTECHNICAL &
GEOENVIRONMENTAL SPECIALISTS (HONG KONG)

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ANNOUNCEMENT

AGS (HK) Technical Seminar

Geotextile Tube Application in Reclamation Projects – Asian Experience

by

JY Tan & KH Siew (Solmax)

Date: Thursday, 25 January 2024

Time: 18:30 – 19:30 (Hong Kong Time)

Venue: The webinar will be conducted through Zoom.

Successful applicants will be informed by emails with a Zoom's link to the webinar. Participants should arrange for their own device with a stable network environment to join the webinar.

Enquiry: agshk.org@gmail.com

Fee: Free of charge

Registration: https://us02web.zoom.us/webinar/register/WN_hgTIJ0FITLivKamjyILK5w

Please register by 24 January 2024. Successful applicants will receive webinar details after registration. CPD certificate will be sent to the attendees, who attended more than 80% of the webinar time, within 2 weeks after the webinar.

Book Prize: The professionals under 35 years old are encouraged to submit their reports (max. 500 words) in quality on this event. Please refer to the AGS (HK)'s website "The AGS Book Prize Reports – Assessment Framework" for details before the submission. The successful candidate will be awarded with the Book Prize that comprises of a book "Geology of Site Investigation Boreholes in Hong Kong" that written by Chris Fletcher, and a coupon of HK\$500 from Eslite Spectrum (誠品生活) or equivalent. Ther awarded report will further be uploaded to the website of AGS (HK). Please send your report to Mr. Haydn Chan by email: haydn.chan@arup.com.



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Synopsis:

Geotextile containment has been utilized in a wide variety of hydraulic and marine engineering applications for many years. One of its forms is geotextile tubes, which are 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, allowing hydraulic filling of sand into them. 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 along with project case studies in Malaysia, Vietnam and South Korea. The first case study will focus on the use of the geotextile tubes to replace the core of a rock containment dyke in Penang, Malaysia. The second case study will be centred on geotextile tubes used in the construction of an exposed containment dyke in Haiphong, Vietnam. The third case study showcased geotextile tube as a replacement to rock filled polder dyke in Saemangeum, South Korea.

About the Speaker:

Tan Jun Yuen graduated from Universiti Tunku Abdul Rahman with a Bachelor of Engineering (HONS) Civil Engineering. He is a Senior Technical Engineer at Solmax with expertise and experience in geotechnical, geohydraulic and geosynthetic applications in Asia Pacific for more than 8 years. He has authored and presented some papers in international conferences including 11th International Conference on Geosynthetics, GeoAsia7 Conference, 12th International Conference on Geosynthetics and more.

Siew Kok Hau graduated from the National Chiao Tung University with a Bachelor of Science in Civil Engineering. He is currently holding Senior Sales Engineer position in Solmax and has been responsible for providing technical sales support and development of value-added products in Asia region. He has authored and presented some papers in international conferences such as Australasian Coasts & Ports 2023 Conference.