



ANNOUNCEMENT

AGS (HK) Technical Seminar

Glass-Fiber Reinforced Polymer (GFRP) Passive Anchor Solution for Slope Stabilization & GFRP rebar used in marine works.

by

Pierre Hofmann – Dextra Group

Date : Thursday, 29 February 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_6aFYzEuRQmGaXJdDT5Ssqw

Please register by 28 February 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.



香港岩土及岩土環境工程專業協會
ASSOCIATION OF GEOTECHNICAL &
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Synopsis:

Glass fibre reinforced polymer (GFRP) has been used in many applications in engineering and civil engineering. These materials were first developed and used in the 1930s in the USA in boats and in aeronautical fields. Glass fibre reinforced polymer (GFRP) bars have high strengths, are light in weight, flexible and can be produced more cheaply than carbon fibre. They are also more durable than steel, as they do not corrode. FRP has been used in mining and tunnelling for decades and more recently used for slope stabilization and concrete reinforcement, due to the durability concerns associated with conventional steel reinforcement.

In this seminar, we will discuss the characteristics of GFRP soil-nails and rebar for permanent usage, the advantages & disadvantages compared to conventional techniques and the applications supplied by Dextra on existing projects.

About the Speaker:

Pierre graduated with a Master of Engineering from “Ecole Centrale de Lille” and a Master of Science in Project Management from “SKEMA Lille”. He joined Dextra in 2007 to develop ‘Fiber Reinforced Polymers’ (FRP) soft-eye technology used in metro systems. He led the development of FRP anchors used first on Doha metro (Qatar) and then internationally. Lately, he has been promoting FRP as a permanent reinforcement and a substitution to steel, which was adopted in 2018 on the world largest underground oil-storage cavern. After 15 years at Dextra, Pierre is General Manager - Geotechnical Product-Line