



ANNOUNCEMENT

AGS (HK) Technical Seminar

State-of-the-art Deep Mixing Practice for Land Reclamation in Hong Kong

by

Anthony H. K. WONG

Date : 22 September 2022

Time : 18:30 – 19:30 (Hong Kong Time)

Venue : The webinar will be conducted through Zoom.

Successful applicants will be provided a link to the seminar. Participants should arrange for their own device with a stable network environment to join the webinar.

Enquiry : For general enquiries, please contact
Haydn Chan (email: haydn.chan@arup.com)

Seminar Fee : Free of charge

Registration : <https://forms.gle/Ef5FKkHG5TJ9pXgp6>

Please register by 19 September 2022. Successful applicants will receive webinar details on 20 September 2022. CPD certificate will be sent to the attendees after the webinar.

Book Prize : The youth 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 book coupon with value of HK\$500 from Eslite Bookstore (誠品書店). The awarded report will further be uploaded to the website of AGSHK. Please send your report to Mr. Haydn Chan through the 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:

Land shortage for housing development has long plagued Hong Kong. Since the 1970s, reclamation was widely used in Hong Kong as a long-term solution to increase land supply. Over the years, various reclamation methods and ground treatment techniques had been developed and employed to suit technical requirements and social needs at different times. In response to increasing environmental awareness, non-dredged reclamation with Deep Cement Mixing (DCM) have been introduced to Hong Kong in recent years. The success of deep mixing works relies on a comprehensive quality control/quality assurance system. Key features of the quality control system applied in a deep mixing project in Hong Kong will be introduced. Recommendations will be made on the selection of binder and its corresponding dosage; the prediction of compressive strength; and the specification for compliance. Field data of a trial embankment will be presented and interpreted. The trial embankment performance will be appraised based on the monitoring data.

About the Speaker:

Mr. Anthony Wong is currently a Senior Engineer at AECOM. He has been a core member in both the design and site supervision teams of mega-scale reclamation projects utilising the Deep Cement Mixing (DCM) method. Anthony graduated from Imperial College London with an MEng degree in Civil Engineering. He is a Chartered Engineer and a member of Institution of Civil Engineers. Anthony has received multiple local and international recognitions and awards including the HKIE Innovation Award 2021 (Young Member Group), the President's Protégé of Hong Kong Institution of Engineers, and Champion of the Institution of Civil Engineers Communications Competition. Currently, Anthony is pursuing a part-time PhD degree at the Hong Kong University of Science and Technology with state-of-the-art research on DCM load-transfer mechanisms.