



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

Measured vs Predicted Geotechnical Performance

by

David Sein

(Leighton Asia)

Date: 25 May 2023

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: Haydn Chan (email: haydn.chan@arup.com)

Fee: Free of charge

Registration: https://us02web.zoom.us/webinar/register/WN_uTaOYShTTkONID19nATHmQ

Please register not later than 23 May 2023. Successful applicants will receive webinar details before the webinar event. 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 gift coupon of HK\$500 from Eslite Spectrum (誠品生活). The awarded report will further be uploaded to the website of AGSHK. Please send your report to Mr. Haydn Chan by email: haydn.chan@arup.com.



Synopsis:

Prediction of geotechnical behaviour is difficult. Large quantities of geotechnical instrumentation data is often collected on construction sites and compared with AAA levels but without direct relationship with the original design predictions. The speaker will discuss the benefits which geotechnical engineers can bring to projects when adopting an “aware and informed” approach during construction rather than the traditional “conservative and blind” approach.

The speaker will share three real life project examples where knowledge can be gained and confidence can be earned through the involvement of the geotechnical designer and the application of measured vs predicted geotechnical performance.

About the Speaker:



David Sein was born and bred in Melbourne Australia and graduated from the University of Melbourne in 1995. After graduation he worked on civil engineering projects in Canada and then moved to Hong Kong in 1997 where he has remained ever since. He cut his teeth at C M Wong and Associates Limited designing and delivering private sector and Housing Authority foundation projects, and also Landslip Preventative Measures contracts. In early 2001, David moved to Lambeth Associates Limited, the in-house design department of Gammon Construction Limited where he spent the vast majority of his time designing and managing temporary works on large scale civil engineering projects. He established and lead the substructures and tunnelling design group of Lambeth Associates Limited and also contributed several years at the delivery end embedded in the Contractor's engineering team on site. In Aug 2014, David joined Leighton Asia as Engineering Manager on Passenger Clearance Building for the Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities, then at SCL1123 Exhibition Station and Western Approach Tunnels, then to Hong Kong International Airport Contract 3503 Terminal 2 Foundations and Substructure Works and he is now stationed full time leading Leighton Engineering in Head Office. David is a chartered engineer in the civil and geotechnical disciplines. He has a keen interest in the use of Observational Methods to improve confidence and safety during construction, to optimise designs and to better understand predicted performance.