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

Reviewing the Türkiye-Syria Earthquake from a Geo-Structural Engineering Perspective

by

Kristy Lo, Boya Yin, Ethan Zhang
(Arup Hong Kong)

Date :	23 March 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 :	agshk.org@gmail.com
Fee :	Free of charge
Registration :	https://us02web.zoom.us/webinar/register/WN_ASguofb1SLuESUEXZAMvAw Please register by 22 March 2023. 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 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 coupon of HK$500 from Eslite Spectrum (誠品生活) or equivalent. 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.

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Synopsis:

The recent earthquake that struck in Türkiye and the northwest Syria has taken tens of thousands of lives, and left thousands injured or homeless in the harsh weather conditions.

In this presentation, colleagues from the Arup EA Seismic Group will share details of the ongoing situation in the affected region, review the devastating event using seismic hazard assessment and evaluate, from a geotechnical and structural engineering perspective, the potential factors that may have exacerbated the scale and extent of the destruction.

About the Speaker:

Kristy Lo is an engineering geologist who has substantial experience in geological modelling, ground characterization and seismic and geohazard assessment. She has been involving many seismic related studies including seismic hazard assessment, time history selection, site response analysis and liquefaction assessment for buildings and energy related projects, such as airports and offshore facilities in East Asia countries such as Hong Kong, Korea, Cambodia, Japan etc.

Boya Yin is a Geotechnical/Seismic Engineer with a background in Geotechnical Earthquake Engineering. She pursued her PhD study in structural dynamics, seismic isolation, soil-structure interaction, and soil liquefaction from Duke University at United States. She has experience in various types of geotechnical projects in East and South Asia (i.e., Hong Kong, Japan, South Korea, Maldives) and North America. She has worked on multiple projects involving seismic assessments including site response analysis (SRA), liquefaction assessment and mitigation, dynamic soil-structure interaction analysis, and foundation seismic design.

Ethan Zhang is a Structural Engineer specialised in structural dynamics and earthquake engineering. He joined Ove Arup after his Ph.D study at The Hong Kong University of Science and Technology. He has engaged in the design, advanced analysis and construction of various medium to large scale projects ranging from commercial, institutional, residential and railway topside developments in Hong Kong and Taiwan. He also participated in the Hong Kong Seismic Code Drafting works.