



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

Engineering Geological and Geotechnical Challenges of Lin Ma Hang Mine Revitalization – A Unique Community-based Educational Mining Heritage Project

By

Xavier TANG

Meinhardt Infrastructure & Environment Limited

Date: Thursday, 25 September 2025

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://www.ags-hk.org/event-details/engineering-geological-and-geotechnical-challenges-of-lin-ma-hang-mine-revitalization>

Please register by 18:30 on 25 September 2025. 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: Professionals under 35 years of age are encouraged to submit a Book Prize Report (max. 500 words) on webinars and site visits arranged by AGS (HK).

Contributors to successful Book Prize Reports will be awarded a Book Prize that comprises of a book "Geology of Site Investigation Boreholes in Hong Kong" written by Chris Fletcher, and a coupon of HK\$500 for Eslite Spectrum (誠品生活) or equivalent. The successful Book Prize Report will also be published on the AGS (HK) website to showcase your accomplishment.

Prior to report submission, please refer to the "The AGS Book Prize Reports – Assessment Framework"* on the AGS (HK) website. You may submit your Book Prize Report to our assessors by uploading the report file through the AGS (HK) website at <https://www.ags-hk.org/book-prize>. Should you have



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any questions, please contact us at ags-hk@meinhardt.com.hk

*Link to the AGS Book Prize Reports – Assessment Framework:

https://www.ags-hk.org/files/ugd/521a4c_b94496034732484687441cf4ed4d0bf9.pdf

Synopsis:

This webinar provides an introduction to the recently revitalized mine heritage, the Lin Ma Hang Mine, a recently completed project directed by the Civil Engineering and Development Department (CEDD).

The revitalization of the 19th-century Lin Ma Hang Mine and surrounds provides a unique demonstration of innovative geotechnical investigation and design for conservation and educational purposes in a country park. The restoration of the cavern complex and nearby area aimed to improve the safety of the old heritage mining complex for the public, whilst enhancing the recreational value of the newly designated Robin's Nest Country Park.

The project is a unique example of historical and scientific preservation and safety-based enhancement for the public and community. From the outset, assessment of the engineering geological and geotechnical conditions of the natural terrain, drainage, anthropogenic influences and the rock mass related to the ore body were key for prioritizing the geotechnical works. Insights gained from the challenges encountered during the background study, investigations, design and construction phases will contribute valuable experience for future projects with similar sensitivity in Hong Kong and elsewhere.

All essential elements in helping establish a balance between making “safe for purpose” without compromising the integrity of the heritage and scientific character of the site.

About the Speakers:

Mr. Xavier Tang is a Chartered Geologist in Meinhardt Infrastructure and Environment Limited. He obtained his Bachelor of Science in Geology in HKU in 2018 and Master of Science in Civil Infrastructure and Engineering Management in HKUST in 2024. He has more than 7 years of hands-on experience in consultant, contractor and site supervisory roles in engineering geology and geotechnical engineering and has provided professional input on various tunnelling, rock slope, site formation and natural terrain mitigation projects in Hong Kong and the Middle East.

Key projects that he has involved include Central Kowloon Route – Central Tunnel, geotechnical works for construction of Shek Mun Columbarium and Remembrance Garden, Revitalization of Lin Ma Hang Lead Mine Caves, and most recently, site formation works in Kennedy Town and the NEOM project in Saudi Arabia.