



香港岩土及岩土環境工程專業協會
ASSOCIATION OF GEOTECHNICAL &
GEOENVIRONMENTAL SPECIALISTS (HONG KONG)

Contact: Haydn CHAN, E-mail: Haydn.Chan@arup.com

Website: www.ags-hk.org

ANNOUNCEMENT

AGS (HK) Technical Seminars

Lesson Learnt: A showcase to the Unprecedented Scale Emergency Repair Works for a Massive Natural Terrain landslide at Shau Kei Wan in Hong Kong Occurring in September 2023

by

Mr. Lawrence Leung (Resident Engineer (Geotechnical), Halcrow / Formerly Jacobs)

Date : 29th January 2026

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 : ags-hk.org/event-details/lesson-learnt-a-showcase-to-the-unprecedented-scale-emergency-repair-works-for-a-massive-natural-terrain-landslide/form

Please register by 18:30 on 29th January 2026. 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 any questions, please contact us at agshk@meinhardt.com.hk.

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

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



香港岩土及岩土環境工程專業協會
ASSOCIATION OF GEOTECHNICAL &
GEOENVIRONMENTAL SPECIALISTS (HONG KONG)

Contact: Haydn CHAN, E-mail: Haydn.Chan@arup.com

Website: www.ags-hk.org



香港岩土及岩土環境工程專業協會
ASSOCIATION OF GEOTECHNICAL &
GEOENVIRONMENTAL SPECIALISTS (HONG KONG)

Contact: Haydn CHAN, E-mail: Haydn.Chan@arup.com

Website: www.ags-hk.org

Synopsis:

Lesson Learnt: A Showcase to the Unprecedented Scale Emergency Repair Works for a Massive Natural Terrain Landslide at Shau Kei Wan in Hong Kong Occurring in September 2023

A severe natural terrain landslide occurred at Shau Kei Wan in Hong Kong on 8th September 2023, triggered by a record-breaking intense rainstorm event. Following this incident, huge amount of landslide debris comprising numerous massive boulders were deposited on the slope below the landslide source area, Yiu Hing Road at slope toe as well as the adjoining housing estate areas. Consequently, a section of Yiu Hing Road and the affected housing estate areas had been closed for months inducing significant nuisance and inconvenience to the general public. As a matter of concern, unusually notable residual hazards from the slope remained in place following the landslide. In order to eliminate the imminent danger and threat posed primarily by the unstable boulders resting on the slope, emergency repair works entailing strenuous removal of the hanging boulders and landslide debris on the disturbed slope surface and pioneered in-situ stabilization works at different sections of the landslide scar have been carried out to ensure the safe reopening of Yiu Hing Road and other affected areas.

The emergency repair works are unprecedented in scale and they play an important role to ensure public safety in the subject residential area. This presentation will discuss the constraints and challenges in proceeding with the works due to the site setting, the key considerations of the works, construction methodologies, ways to address public concerns and the lessons learnt, contributing valuable insights into the management of similar events in the future.

About the Speaker:

Mr. Lawrence Leung is a Chartered Engineer (CEng) with expertise in site supervision and contract administration of slope upgrading works and natural terrain hazard mitigation works. He was the Assistant Resident Engineer of Jacobs China Ltd. between 2016 to 2024 supervising 1 no. of slope works contract under Landslip Prevention and Mitigation Programme (LPMitP) for GEO of CEDD, and 2 nos. of slope upgrading works contract under Preventive Maintenance Programme (PMP) and Emergency Repair Works for the massive natural terrain landslide at Yiu Hing Road for HyD that involved geotechnical site supervision and contract administration.

From July 2024 to February 2025, Lawrence had worked as the Resident Engineer for Jacobs, supervising the slope upgrading works contract and overseeing Emergency Repair Works for the massive natural terrain landslide at Yiu Hing Road for HyD.

From March 2025 to now, Lawrence had worked as the Resident Engineer (Geotechnical) for AECOM-Halcrow Joint Venture, supervising the geotechnical works, land contamination assessment and Cement Solidification /Stablization for high arsenic-containing (HAC) soil for San Tin Technopole Phase 1 Stage 1 (West) - Contract 1 - Site Formation and Associated Works (Contract No. ND/2024/09).