



ANNOUNCEMENT

AGS (HK) Technical Seminar

Nature-based Solutions to Landslide Hazard Management

by

Stuart Millis

- Date** : 13 May 2021
- Time** : 18:30 – 20:00 (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)
For Technical Seminar enquiries, please contact agshk.org@gmail.com.
- Seminar Fee** : Free of charge
- Registration** : <https://forms.gle/wEKQpaT4nuuvG2vu6>
Please register by 10 May 2021. Successful applicants will receive webinar details on 11 May 2021. CPD certificate will be sent to the attendees after the webinar.
- Book Prize** : Book prize is open to youth professionals under 35 years old for the submission of a quality report (max. 500 words) on this event. Please refer to the AGS HK website for “The AGS Book Prize Reports – Assessment Framework” for details. The Book Prize reward comprises a book "Geology of Site Investigation Boreholes in Hong Kong" by Chris Fletcher and book coupons worth HK\$300 from Eslite Bookstore (誠品書店). Please send your report to haydn.chan@arup.com.



Synopsis:

Emergency repair works for natural terrain landslides in Hong Kong often result in the rapid placement of shotcrete surface covers to help prevent subsequent, erosion, degradation and reactivation of landslide scars and debris. Although effective in the short-term, such measures result in visual and ecological eyesores within otherwise green and natural habitats. To combat this, the GEO has initiated several trials on the use of Soil Bioengineering over the last 10 to 15-years, initially for landslides on natural landslide scars at Cloudy Hill and more recently for shotcrete covered scars in West Lantau. In this talk, Ir Millis will make reference to the recent trials in West Lantau to explain the principles behind the design and application of soil bioengineering techniques. He will show how such measures are a win-win solution for natural hillside catchment management, in terms of both landslide hazard reduction as well as biodiversity enhancement.

About the Speaker:

Ir. **Stuart MILLIS** is a Chartered Geologist and Chartered Engineer and the leader of the Engineering Geology team for Arup in Hong Kong. He first came to Hong Kong in 1999 to prepare an MSc Thesis on natural terrain landslide susceptibility and has been actively involved in many aspects of slope engineering (as well as other aspects of engineering geology/geotechnical engineering) in the region ever since. In addition to his role at Arup, Ir. Millis is also one of the Assistant Scientific Editors for the Quarterly Journal of engineering Geology and Hydrogeology and a visiting lecturer for the MSc in Applied Geosciences at HKU.