



Malaysian Geotechnical Society

Webinar – Talk On “Debris Flow in Sungai Kadamaian, Kota Belud, Sabah”

by **Ir. Lo Chong Chiun**

7th December 2022 (Wednesday) 4.00 p.m. to 6.00 p.m.

BEM Approved CPD Hours: 2 Ref. No.: BEM/REG/12Jld. 9 (588)
Qualified for 2 PDU's by PEB

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Synopsis

In the aftermath of the magnitude 6.0 earthquake on 5 June 2015 near Ranau where 18 Mount Kinabalu climbers were killed by landslides and rockfalls, a tropical storm occurred on 16 June 2015 releasing massive debris flows/mudflows. It brought down big and small boulders, pebbles, sand, silt, mud and driftwoods, causing damages to roads and bridges, and disruption to water supply in Ranau and Kota Belud. This debris flowed into Sungei Kadamaian river channel in the form of alluvial deposit, and reduced the channel capacities and resulted in severe flooding and riverbank erosion with more than 86 flash floods to date. This presentation glimpses into the research and practices on sabo dam and flexible barrier for debris flow carried out locally and overseas, and offering suggestions on ways to mitigate debris flow in Sungei Kadamaian.

About The Speaker

Ir. Lo Chong Chiun graduated with a Bachelor of Science Degree in Civil Engineering at The Ohio State University, USA in 1983. He further went on to obtain a Master Degree in Business Administration from the University of Durham, UK in 2001. Ir. Lo is a Technical Director of a consulting engineering firm based in Sabah. He is a past chairman of IEM Sabah and ACEM Sabah, and an active Committee Member of the Malaysian Geotechnical Society. He has more than 30 years of experience in design, contract administration and project management of major civil, structural, geotechnical and infrastructure development projects including flood mitigation, drainage, irrigation, highway and road, sea/land reclamation, jetty, marine structure, fishery complexes, water supply, sewerage, oil & gas facilities, railways, and housing/condominium development projects.



Registration Fee:

MGS / IEM / GeoSS / CTGS Members: **FREE**

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- ✓ After the payment has been completed, please email the transaction receipt to mgs@mygeosociety.com.
- ✓ Each approved registrant will receive a unique Zoom link for the webinar.
- ✓ Minimum 75% attendance is required in order to obtain a certificate of attendance.

Ir. Lee Peir Tien
President
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