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Core Logging Workshop

Presented by

Hong Kong Geological Survey: Mr. Kan Tam and Mr. Edison Tse

Fugro Geotechnical Services Limited: Mr. Michael Lai and Ms. Vivian Wong

- Date** : 7 September 2019 (Saturday)
Time : 9:30 a.m. – 12:30 p.m.
Venue : Room 331, University Science Centre, Central Ave,
The Chinese University of Hong Kong, Ma Liu Shui
<https://goo.gl/maps/Lzm7j3Y2hY23kr2a9>
Quota : 35
Fee : HKD \$200
Registration : **For Fellows of GSL and students exclusively.**
Prior registration is required.
<https://forms.gle/eL2G9yXFhMvTjT1fA>
Payment details will be given later. The places will be taken by
applicants in the waiting list if the payment is not settled on time.

Please complete the online form on or before **16 August 2019**. Applications will be accepted on a first-come, first-served basis. Successful applicants will be informed by email. For enquiry, please contact Ms. Trudy Kwong at tkwong@bmintelligence.com or Mr. Dennis Wong at dennis-hy.wong@arup.com.

Introduction:

Making the correct engineering design decisions requires the comprehensive understanding of the ground. Accurate and standardised soil and rock descriptions provided by core logging as part of the site investigation form the fundamental building blocks of the ground models for engineers and engineering geologist to objectify the ground conditions and anticipate potential geotechnical risks. To acknowledge the irreplaceable role of core logging, HKRG is organising this workshop to enhance the techniques and knowledge of practitioners on core logging in accordance with Geoguide 3. This workshop aims to provide assistance as we further advance professional practice as essential to meet the demands of modern society.

This course will consist of two sessions including an 1-hour introductory lecture to review



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common rock types in Hong Kong and their diagnostic characteristics and special features as well as to discuss some key points in Geoguide 3 with examples from drillhole logs and photos. A 2-hour practical logging session on soil and rock samples of different geology offering some hands-on experience will follow. Participants are required to produce their own logs under the guidance of the speakers. Mr. Kan Tam and Mr. Edison Tse from **Hong Kong Geological Survey** together with Mr. Michael Lai and Ms. Vivian Wong from **Fugro Geotechnical Services Limited** will present the course and review the recommended standard of good practice on core logging techniques.

Programme:

9:30 – 10:30	Introductory lecture
10:30 – 10:45	Break
10:45 – 12:30	Practical logging session

Note:

1. Participants are reminded to bring their own clipboard and stationary.
2. Please note that neither the Society nor other parties concerned accept any liability in connection with the event.
3. Participants should reserve sufficient time to travel from the University Station to the University Science Centre.

About the Speakers:

Mr. Kan Tam

Mr. Kan Tam is a geologist with the Hong Kong Geological Survey of the Geotechnical Engineering Office (GEO). He has over 20 years of internal work experiences as an exploration geologist / tunnel geologist / engineering geologist / geotechnical engineer. Mr. Tam graduated from HKU with a BSc in Earth Sciences and a MSc in Applied Geosciences.

Mr. Edison Tse

Mr. Edison Tse is a geologist working in the Hong Kong Geologist Survey of the Geotechnical Engineering Office (GEO). Mr. Tse graduated from the University of Hong Kong with a Bachelor's degree in Earth Sciences and a Master's degree in Applied Geoscience.



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Mr. Michael Lai

Mr. Michael Lai is a geologist with the Fugro Geotechnical Services Limited. He has over 20-year experiences in logging geologist for onshore and offshore ground investigation works, tunnel geologist for tunnel mapping and conducting underground utilities detection with relining works. Mr. Lai graduated from HKU with a BSc in Earth Sciences.

Ms. Vivian Wong

Ms. Vivian Wong graduated from HKU with a BSc in Earth Sciences and a MSc in Applied Geosciences. In the past 20 years, she works as an engineering geologist in both Hong Kong contractor and consulting firms with extensive practical experiences in geological logging and ground modelling. Currently she is the senior geologist in Fugro Geotechnical Services Limited.

Suggested transportation to University Science Centre:

Participants can take Route 1A, 1B and 2 at University MTR Station and get off at Sir Run Run Shaw Hall. For further details, please visit:

1. Campus Transportation:

<http://www.cuhk.edu.hk/english/campus/campus-transportation.html>

2. CUHK Campus Map

<http://www.cuhk.edu.hk/clear/download/cuhk-campus-map.pdf>

