

Organizer



Supporting Organizations



CPD Function

Case Sharing: Harbour Area Treatment Scheme Project - How to Performs Underground Surveying (165m Below Ground Level)

Organizer: The Hong Kong Institution of Engineering Surveyors (HKIES)

Supporting Organisations: Australian Institute of Building (AIB)
Chartered Institution of Civil Engineering Surveyors (CICES)
Department of Building & Real Estate, HK PolyU (BRE)
Dept. of Land Surveying & Geo-Informatics, HK PolyU (LSGI)
Hong Kong Institute of Clerks of Works (HKICW)
The Asia Institute of Building (AIOB)

Speakers: Ms. Lau Kin Yi, Vicki
Surveyor, Gammon Construction Limited

Date: 16-09-2015 (Wed) Time:19:00-20:30 (1.5 hour)

Venue: Z406, Block Z, The Hong Kong Polytechnic University

Language: Cantonese (Supplement with English material)

Admission: Free of Charge, 30 seats only

(priority will be given to members of HKIES, AIB, CICES, BRE, LSGI, HKICW and AIOB)
[CPD cert. would be charged to attendants: \$20 for HKIES/AIB/CICES/BRE/LSGI/HKICW/
AIOB members and \$50 for walk-in guests. **No change will be given.**]



Abstract:

The Harbour Area Treatment Scheme Project (Stage 2A) had been constructed for about six years. The main objective of the project is to improve water quality of the Victoria Harbour by constructing three deep sewage tunnels from North Point to the Stonecutters Island for the sewage conveyance system. The tunnels have a total length of 12km and at a depth up to 165m below ground. This project is a milestone for constructing one of the longest and deepest sewage tunnels by drill and blast method in Hong Kong.

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DEPARTMENT OF
LAND SURVEYING AND GEO-INFORMATICS
土地測量及地理資訊學系



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In this CPD, Vicki is willing to share her experience in this tunnelling project. She will introduce the major surveying works from the very beginning of this project to the breakthrough of tunnels, such as establishing surface control network, transferring control stations from surface to the deep tunnels, and establishing tunnel control network. She will briefly talk about other important survey works such as setting out alignment of tunnels and As-built survey of tunnel profiles using laser scanner. The breakthrough accuracies of the tunnels will also be presented, followed by a discussion of factors that affect these accuracies. Some recommendations will be concluded for similar tunnelling project in the future.

Please email the reply form to cpd@hkies.org.hk for registration.

All members and guests are welcome and the number of participants is limited to **30**. Participants will be accepted on a first come first served basis. For enquiries, please contact Hilbert WONG (Tel: 96322751), or email to: cpd@hkies.org.hk.

Disclaimer: The Organizers have not arranged any insurance coverage for any participants on any personal accident, property loss/damage or virus inflection arising from this CPD function. Participants should make their own insurance arrangement at their expenses.

Reply Form

Reply Form

I, _____, confirm my intention to attend the CPD Function on **16-09-2015 (Wed)**.

My Membership (HKIES/AIB/CICES/BRE/LSGI/HKICW/AIOB) No. _____.

My telephone no. is _____ and e-mail address is _____.

I would / would not ** obtain the CPD certificate.
(*delete as inappropriate)

Please email this reply form to cpd@hkies.org.hk for registration.
[Successful applicants will receive a confirmation email]