

The Institute of Materials, Minerals and Mining (IOM3) Hong Kong

“Sustainable Futures” Webinar Series:

Inter-reservoirs Transfer Scheme (IRTS) Flood Prevention, Water Conservation, Construction Innovation

7 October 2021 (Thursday) 19:00

Venue: This CPD event will be conducted in the form of webinar via Zoom.
(An event reminder with Zoom Webinar ID will be provided at around a week before the event.)



Speaker:

Mr Wilson Lam

Chief Resident Engineer

Binnies Hong Kong Limited
(Formerly Black & Veatch Hong Kong Limited)



Speaker:

Mr Alfred Tsang

Site Agent

Bouygues Travaux Publics /
Dragages Hong Kong Limited

Co- organized by

Abstract:

The West Kowloon Drainage Improvement – Inter-reservoirs Transfer Scheme (IRTS), Contract no. DC/2018/08, serves dual purposes of improving flood protection level in West Kowloon areas and achieving water conservation by transferring collected surface runoff from the Kowloon group of reservoirs to the Lower Shing Mun Reservoir. It will also strengthen our resilience in flood mitigation for combating climate change.



The key scope of the works contract is to construct a water tunnel approx. 2.8 km in length and 3 m in internal diameter from Kowloon Byewash Reservoir (KBR) to Lower Shing Mun Reservoir (LSMR) and the associated intake and outfall structures at both ends of the tunnel. The tunnel which is constructed by method using the TBM can serve the purposes on transferring surplus overflow from KBR to LSMR; and working in associated with Lai Chi Kok drainage tunnel project to conserve valuable water resources and alleviate flood risk in the Lai Chi Kok of Kowloon. The works contract was awarded and commenced in February 2019. The planned completion date is in 3rd Quarter of 2022.



The webinar will provide an overview of the scopes and activities of IRTS and on works contract DC/2018/08, as well as highlights of project significant with also practices on innovations adopted for construction.

About the Speakers:

Mr Wilson Lam (BEng(Hons), MSc, MHKIE, MCIHT, NEC4 PM, RPE) is a Chief Resident Engineer in Binnies Hong Kong Limited (formerly Black & Veatch Hong Kong Limited), the Supervisor Delegates of DSD Contract No. DC/2018/08 – IRTS. He had been with Scott Wilson (Hong Kong) Limited since 1992 and then joined Black & Veatch in 1997. He involved in several major projects in Hong Kong such as Route 3 - Rambler Channel Bridge, Northern Lantau Water Supply, Tuen Mun New Town Development, Landslip Preventive Measures Consultancy, Kam Tin Bypass. He also had been the Resident Engineer for several Landslip Preventive Measures BOQ and SOR Contracts for slope upgrading works in Sai Kung, Tuen Mun and the outlying islands, a cavern/tunnel project (Design and Build Contract) at the University of Hong Kong. He had been a Resident Engineer and Senior Resident Engineer of widening works of Tolo and Fanling Highways under HyD Contract No. HY/2012/06 and HyD Contract No. HY/2008/09 respectively between 2009 and 2019.

Mr Alfred Tsang (BEng, MSc, DIC, CEng, MICE, MHKIE(CVL), MIMMM, NEC4 NEC3 PM) is a Senior Construction Manager in Bouygues Travaux Publics, the Contractor of project IRTS works contract no. DC/2018/08. He has worked for a number of major tunnelling and TBM projects in Hong Kong including West Island Line and Shatin Central Link. With his experiences on both site production and project management, Alfred is currently working in the position as the nominated “Site Agent” in project IRTS works contract no. DC/2018/08 overseeing different aspects on construction activities for project operation.

Registration and Enquiries:

Free of charge for Members and Non- Members.

For registration, please send your name with your IOM3/HKIE/HKCA membership number (if available), email address, and mobile phone number through this website :

https://docs.google.com/forms/d/e/1FAIpQLSe7_Q1qpOa-XGItAoM8uUAnhhByhrLC1QNE7ILxKorCml034g/viewform?usp=sf_link.

Successful applicants will be notified on or before 3 October 2021.



If you have any enquiry or difficulties with accessing the above link, please contact Miss Jennifer Haigh, Honorary Secretary of IOM3 (HK) at secretary@iom3.org.hk

Certificate of Attendance (2.0 hrs) for Continuing Professional Development (CPD) will be issued to attendees after the event through the registered email.