

HALF-DAY WORKSHOP

Geotechnical Engineering: from ground investigations to improvements

Jointly organized by
American Society of Civil Engineers (Hong Kong Section)
and
Department of Civil and Environmental Engineering,
The Hong Kong Polytechnic University

Date: 19 September 2015 (Saturday)
Time: 09:00 – 12:30 (registration starts at 08:30)
Venue: Room V322, Innovation Tower, The Hong Kong Polytechnic University
Language: English

Highlights of the Workshop

- Cone penetration testing for baseline characterization
- Ground improvement works in soft clay and loose sand
- Design of vertical drains
- Application of Vacuum preloading

Course Fee

Fee	Eligibility
HK\$350	Member of ASCE. PolyU CEE Department and Supporting Organizations; or Early-bird registration (payment made on or before 11 September 2015, postmarked); or Group registration (≥ 4 persons)
HK\$450	Non-member
HK\$150	ASCE Student Member (limited seats)

Fee includes tea/coffee and an attendance certificate.

Seats are limited. First-come-first-served!

Supporting Organizations (as on 24 August 2015)



Geotechnical Division
岩土分部

香港岩土及岩土環境工程專業協會



Association of Geotechnical
& Geoenvironmental Specialists (Hong Kong)

Program (subject to minor modifications without prior notice)

08:30 – 09:00	Registration
09:00 – 09:05	Welcome address
09:05 – 09:45	Carlton HALL, Fugro Group <i>Baseline characterization and validation testing of ground using the cone penetration test (CPT) and associated techniques</i>
09:45 – 10:25	Kin Ming CHAN, Bachy Soletanche Group Ltd <i>Some local experiences in ground improvement works - soft clay and loose sand</i>
10:25 – 10:50	Coffee break
10:50 – 11:30	Albert T. YEUNG, The University of Hong Kong <i>Design of surcharging and prefabricated vertical drains for improvement of soft clay</i>
11:30 – 12:10	Freda CHU, ARUP <i>Vacuum preloading – Shanghai and Macau case history</i>
12:10 – 12:30	Closing remarks and souvenir presentation
12:30	Distribution of CPD certificates

Certificate:

This course is recommended for three CPD-hours.

Enquiry:

Dr Songye ZHU

ceszhu@polyu.edu.hk

Tel: 3400 3964

About the speakers

Carlton HALL

Carlton Hall is the Site Investigation Manager for Fugro Geotechnical Services Limited. He is a chartered civil engineer and has over 25 years of international work experience across government, geotechnical consultancy and contracting organizations. As a user of geotechnical data he developed particular interest in the effects of field practice on data quality and, subsequently, the accuracy of the engineering ground model. As a business manager of ground investigation he is responsible for the technical and managerial systems that control the manner of geotechnical data acquisition; as such he continues his interest in quality, production and HSE concerns.

Kin Ming CHAN

Ir Chan graduated from the University of Hong Kong in 1979 with the award of BSc(Hons) in Engineering, then 2 years further studies in a French National Engineering School major in bridge construction with the French Government Scholarship and graduated in 1982 with the award of the professional diploma in Engineering. Ir Chan joined Bachy Soletanche Group Ltd in 1982 and is now a design manager of the company. He is a CEng, MICE, MStructE, and MHKIE, and holds RPE(Civil, Structural, Geotechnical). His work experience and interests are foundation, excavation and lateral support, ground improvement works.

Albert T. YEUNG

Ir Dr. Albert T. Yeung is on the civil engineering faculty of The University of Hong Kong (HKU). He received his BSc(Eng) in civil engineering from HKU with first class honors, MS and PhD from the University of California, Berkeley. He is the current chair of the Region 10 Assembly of ASCE, and the Immediate Past Region 10 Director and the Chair of the Board of Governors of ASCE Region 10 (International Region). He has more than a hundred and eighty publications to his credit. His notable awards include the IPA Research Grant Awards of the International Press-in Association 2008, 2012, 2014; the 1st Prize of Civil Engineering Papers of the Year Award 2008 of the Hong Kong Institution of Engineers (HKIE); the Peter H.K. Chan Award 2001 for the Best Environmental Paper of HKIE; the Samuel Arnold Greeley Award 1999 of ASCE; the Arthur Casagrande Professional Development Award 1996 of ASCE; the Dow Outstanding New Faculty Award 1994 of the American Society for Engineering Education; the Texas Engineering Experiment Station Select Young Faculty Award 1993; the Kumagai Prize 1994 of HKIE; among many others. He is a CEng and holds FASCE, FICE, FHKIE, RPE(Civil, Environmental, Geotechnical) and PE(Texas).

Freda CHU

Freda has 14 years' experience working in a wide range of geotechnical works both in and outside HK. Her particular expertise include foundation systems for super high-rises, soft soil ground treatment and novice designs such as large sheet pile caisson structures used for non-dredged reclamations. She also brings strong social awareness to engineering – seen through her contribution to World Economic Forum report and leadership of the Arup x WZQ Bridge, which received numerous awards including the Edmund Hambly Medal of the Institution of Civil Engineers, London.

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Registration Form

Name: _____
(Surname) (Given Name)
Office Tel: _____ Mobile: _____
Email: _____ Company: _____
Membership ASCE / PolyU / AGS(HK) / Membership
(if applicable) HKIE / ICE / IOM³ No.: _____

Group Registration (Please use separate sheet(s) if necessary)

No.	Surname	Given Name	Email	Mobile
1				
2				
3				
4				
5				
6				
7				
8				

Payment:

I enclose a crossed cheque No. _____ (Bank: _____)
amounted HK\$ _____ × _____ person(s) = HK\$ _____.

Remarks:

- Payment is non-refundable once booking is confirmed.
- The cheque should be payable to “**American Society of Civil Engineers - Hong Kong Section**”, and post to
**Dr Songye ZHU, Department of Civil & Environmental Engineering,
The Hong Kong Polytechnic University, Hunghom, Kowloon.**
- Seat will only be confirmed when payment is received.
- ASCE Hong Kong reserves the right to cancel or re-schedule the workshop at its discretion.

Enquiry: Dr Songye ZHU (Email: ceszhu@polyu.edu.hk; Tel: 34003964)

Campus Map

校園地圖

KEY TO CAMPUS MAP 校園索引

	Core		閣下在此 You are here
	Wing		洗手間 Toilet
	Block		傷殘人士洗手間 Toilet for Disabled
	大學醫療保健處 University Health Service		餐廳 / 酒樓 / 咖啡室 Canteen / Restaurant / Cafe
	保安控制室 Guard Post		便利店 Convenience Store

Location Map of Off-Campus Venues 校外場所在位置圖

1. PolyU Main Campus 香港理工大學主校園
2. Student Halls of Residence (Hong Hom) 學生宿舍 (紅磡)
3. Student Halls of Residence (Homantin) 學生宿舍 (何文田)
4. Hong Kong Community College (Hong Nam Bay) 香港華立學院 (紅磡灣校區)
5. Hong Kong Community College (West Kowloon) 香港華立學院 (西九龍校區)
6. PolyU Kowloon Tong Campus 香港理工大學 (九龍新校區)
7. Off Campus Housing (IOH - Shan Tung Street) 校外宿舍 (山塘街)
8. Off Campus Housing (IOH - Hillwood Road) 校外宿舍 (山林路)
9. Off Campus Housing (IOH - Yu Chau Street) 校外宿舍 (悠洲街)

