

The HKIE Environmental Division Annual Forum

Paradigm Shift:
**Emergence of Environmental
Management and Engineering
in the Development of
Hong Kong into a World City**



Thursday, 27 April 2017
Crowne Plaza Hong Kong Kowloon East,
3 Tong Tak Street, Tseung Kwan O, Hong Kong
(3-minute walk from the Tseung Kwan O MTR Station, Exit C)

Environmental Division

環境分部

The HKIE Environmental Division Annual Forum 2017

***“Paradigm Shift: Emergence of Environmental Management and Engineering
in the Development of Hong Kong into a World City”***

Thursday, 27 April 2017

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INTRODUCTION

The pace and scale of urbanization bring new challenges to many Governments around the world and the city is at the centre of the change. The need for a coordinated and innovative effort by both the public and private sectors to fulfil infrastructure and socio-economic needs in a systematic and sustainable manner while tackling the important subjects such as climate change, resource efficiency, biodiversity and quality of life issues is of paramount importance. The environmental management and engineering profession has a significant role to play that will shape the future of the development. This forum aims to provide a platform for professionals and academics in the environmental management and engineering industry to gain further insights on the latest practices and development of technologies that are required for the development of a World-Class city, and to share local and overseas experiences and stimulate initiatives that could further reinforce Hong Kong's status as a World City.

The forum comprises the keynote session and three other sessions: 1) Evolving Role of Environmental Professionals in Urban, Public Projects, Strategic Plans and Good Governance; 2) Engineering and Managing Adaptive Sustainable Responses for Managing Hong Kong's Bio-Capacity: Challenges and Opportunities; and 3) Potential Contribution of Environmental Leaders to Hong Kong's Economic Diversification and Sustainable Growth. The forum will bring together professional engineers, professionals, experts, academics and industry stakeholders to share their knowledge, experiences and insights on the subjects to be covered by the Annual Environmental Forum.

ORGANIZING COMMITTEE

Chairman: Ir CHENG, Norman

Members: Ir AU, Elvis

Ir CHAN, Thomas

Ir Dr GBAGUIDI, Alex

Ir KWAN, Anthony

Ir LEE, Stephen

Ir LO, P C

Ir WONG, Alex

Ir YUEN, Andrew

Ms CHAN, Jacqueline

Ir Dr CHAN, Raymond

Ir CHOI, C M

Ir IP, T Y

Ir LAM, C S

Ir Prof LO, Irene

Ir TANG, Kelvin

Ir WONG, Kenny

Ir Dr ZHOU, Shelley

Mr LAM, Benjamin

SUPPORTING ORGANIZATIONS

Academic



能源及環境學院
SCHOOL OF ENERGY
AND ENVIRONMENT



Hong Kong Baptist University

Thei Technological and
Higher Education Institute
of Hong Kong
Member of VTC Group
VTC 成員機構 香港高等教育科技學院

Faculty of Science & Technology



The Education University of Hong Kong



THE HONG KONG
POLYTECHNIC UNIVERSITY
香港理工大學

FACULTY OF CONSTRUCTION AND ENVIRONMENT
DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING
建設及環境學院
土木及環境工程學系



School of Science and Technology



香港大學
THE UNIVERSITY OF HONG KONG

Department of Civil Engineering

Non-academic



Government of Canada
Consulate General of Canada



CONSULATE GENERAL OF FINLAND
HONG KONG & MACAO



Kingdom of the Netherlands



The Canadian
Chamber of Commerce
in Hong Kong
La Chambre de Commerce Canadienne à Hong Kong
香港加拿大商會



香港中華廠商聯合會
The Chinese Manufacturers'
Association of Hong Kong



香港工業總會
FHKI Federation of
Hong Kong Industries



french chamber
HONG KONG



Hong Kong General Chamber of Commerce
香港總商會 1861



New Zealand
Chamber of Commerce in Hong Kong



Environment Bureau
The Government of the Hong Kong Special Administrative Region



香港能源工程師學會
Hong Kong Association of Energy Engineers



香港建造商會
HKCA



Hong Kong Environmental
Industry Association
香港環保產業協會



HKGBC
香港綠色建築議會



Hong Kong Institute of
Environmental Impact Assessment
香港環境影響評估學會



HKIQEP
香港環專會



HONG KONG
WASTE MANAGEMENT ASSOCIATION
香港廢物管理學會

Hong Kong Branch

Institution of
MECHANICAL
ENGINEERS



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engineering success
soe hong kong region
香港工程師學會 香港分會

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Luncheon



Gold



Silver



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PROGRAMME

8:45 - 9:05am	<i>Registration</i>
9:05 - 9:10am	Welcome Remarks Ir Norman CHENG, Chairman of the Organizing Committee
9:10 - 9:15am	Opening Address Ir Joseph CHOI, President, The Hong Kong Institution of Engineers
9:15 - 9:45am	Keynote Address Mr Kam-sing WONG, GBS, JP, Secretary for the Environment, Environment Bureau, The Gov't of the HKSAR
9:45 - 10:15am	Keynote Address - Optimizing Integrated Town Planning for the Development of Hong Kong into a Sustainable Asia's World City Ir Dr the Hon Wai-kwok LO, SBS, MH, JP Legislative Councillor (Engineering Functional Constituency), HKSAR
10:15 - 10:45am	Keynote Address - The Waste Management Landscape in Singapore – Experiences, Challenges, and Opportunities (TBC) Mr Dalson CHUNG, Director (Industry Development and Promotion Office), Director (Sustainability Office), Managing Director (CleanEnviro Summit Singapore), National Environment Agency
10:45 -11:15am	<i>Coffee Break</i>
Session I: Chaired by Ir P C LO, Immediate Past Chairman, The HKIE Environmental Division Evolving Role of Environmental Engineers in Urban Public Projects, Strategic Plans and Good Governance	
11:15- 11:40am	Creating Environmental Capacity for Sustainable Development under Hong Kong 2030+ Ms Phyllis LI Chi-miu, Deputy Director of Planning / Territorial, Planning Department, The Government of the HKSAR
11:40 - 12:05pm	How can Hong Kong Attain a Competitive Advantage through Further Urban Sustainability Improvements? Mr John BATTEN, Global Director of Cities & Water, Arcadis
12:05 - 12:25pm	Discussion
12:25 - 2:00pm	<i>Luncheon (to be sponsored by SUEZ)</i>
Session II: Chaired by Ir Professor Irene LO, Past Chairlady, The HKIE Environmental Division Engineering Adaptive Sustainable Responses for Managing Hong Kong's BioCapacity: Challenges and Opportunities	
2:00 - 2:25pm	Hong Kong's First Biodiversity Strategy and Action Plan and its Relationship to Hong Kong as a World City Professor LAM Kin-che, Chairman of the Steering Committee, Hong Kong's First Biodiversity Strategy and Action Plan
2:25 - 2:50pm	Drainage Services - from Grey to Blue Green Ir Ka-wai MAK, JP, Deputy Director, Drainage Services Department, The Government of the HKSAR
2:50 - 3:10pm	Discussion
3:10 - 3:35pm	<i>Coffee Break</i>
Session III: Chaired by Ir T Y IP, Past Chairman, The HKIE Environmental Division Potential Contribution of Environmental Leaders to City's Economic Diversification and Sustainable Growth	
3:35 - 3:45pm	<i>Souvenir Presentation Ceremony</i>
3:45 - 4:10pm	Waste Strategies in a Global Urbanisation Trend: European Approach for Circular Economy - Some French Initiatives Mr Antoine GRANGE, CEO - Recycling and Recovery Asia, SITA Waste Services Ltd
4:10 - 4:35pm	Meeting the Challenges of Urban Regeneration and Contaminated Lands Ir Dr Paul KAU, EHS Services Director / Senior Environmental Scientist, Golder Associates (HK) Ltd
4:35 – 4:55pm	Discussion
4:55 - 5:00pm	Closing Remarks Ir Elvis AU, Chairman, The HKIE Environmental Division

FORUM VENUE

**Crowne Plaza Hong Kong Kowloon East,
3 Tong Tak Street, Tseung Kwan O, Hong Kong**

(3-minute walk from the Tseung Kwan O MTR Station, Exit C)



Transportation information:

From	Time (min)	By
Hong Kong International Airport	45	Car
Sky100 at International Commerce Centre (ICC)	35	Car
Central	25	Car
Sai Kung Town	20	Car
Hong Kong Convention & Exhibition Centre	20	Car
Hong Kong University of Science and Technology	15	Car
Quarry Bay, North Point, Taikoo Shing, Kwun Tong	10 - 15	MTR
East Point City Shopping Mall	3	MTR
Park Central Shopping Mall	1	Walk

REGISTRATION FORM

The HKIE Environmental Division Annual Forum

“Paradigm Shift: Emergence of Environmental Management and Engineering in the Development of Hong Kong into a World City”

Thursday, 27 April 2017 (9:00am – 5:00pm)
Crowne Plaza Hong Kong Kowloon East, 3 Tong Tak Street, Tseung Kwan O, Hong Kong

Name : (Ir/Prof/Dr/Mr/Ms) _____
(First Name) (Surname)

Company : _____ Position: _____

Tel : _____ Email : _____

	Registration Fee	Registration (please “V” as appropriate)
Early-Bird Registration (on or before 27 Mar 2017)	Members of The HKIE and Supporting Organizations : \$900	()
	Non-Members : \$980	()
Full Registration (after 27 Mar 2017)	Members of The HKIE and Supporting Organizations : \$980	()
	Non-Members : \$1,180	()
* Graduate Members (HKIE and Supporting Organizations)	\$500	()

Remarks :

- The fee includes a copy of Forum proceedings, a lunch and two coffee breaks.
- * Seats are limited to 50 (first-come-first-served). A copy of Membership Card must be presented together with the registration form.
- Cancellation will be accepted only in writing via email or fax, no later than two weeks before the function commences, and only 50% of registration fee will be refunded.

Payment :

I enclose a crossed cheque no _____ for the amount of HK\$_____ payable to
“The HKIE Environmental Division”.

Please complete the form and return it together with appropriate payment to the Forum Secretariat,
c/o Centre for Research & Professional Development

Room A-E 23/F Billion Plaza 2, 10 Cheung Yue Street, Kowloon, Hong Kong
Tel : 2796 1638 ; Fax : 3016 8648; Email : info@crpd-hk.com
Event website: <http://ev.hkie.org.hk/> OR <https://sites.google.com/site/hkieevd2017/>