

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

- City University of Hong Kong, School of Energy and Environment
- Hong Kong Baptist University, Asian Energy Studies Centre
- Technological and Higher Education Institute of Hong Kong, Faculty of Science & Technology
- The Chinese University of Hong Kong, School of Life Sciences
- The Education University of Hong Kong, Centre for Education in Environmental Sustainability
- The Hong Kong University of Science and Technology, Department of Civil & Environmental Engineering
- The Open University of Hong Kong, School of Science and Technology
- The University of Hong Kong, Department of Civil Engineering

Non-academic

- British Consulate-General Hong Kong
- Consulate General of Canada in Hong Kong and Macao
- Consulate General of Finland, Hong Kong
- Netherlands Consulate General in Hong Kong SAR and Macao SAR China
- Canadian Chamber of Commerce in Hong Kong
- Chinese Manufacturers' Association of Hong Kong
- Federation of Hong Kong Industries
- French Chamber of Commerce & Industry
- Hong Kong General Chamber of Commerce
- New Zealand Chamber of Commerce in Hong Kong
- The Chinese General Chamber of Commerce
- Environment Bureau, The Government of the HKSAR
- Asian Institute of Intelligent Buildings
- ASHRAE Hong Kong Chapter
- Chartered Institution of Water and Environmental Management - Hong Kong Branch
- Construction Industry Council
- Council for Sustainable Development
- Friends of the Earth (Hong Kong)
- Green Council
- Hong Kong Association of Energy Engineers
- Hong Kong Construction Association
- Hong Kong Environmental Industry Association
- Hong Kong Green Building Council
- Hong Kong Green Strategy Alliance
- Hong Kong Institute of Environmental Impact Assessment
- Hong Kong Institute of Qualified Environmental Professionals
- Hong Kong Science and Technology Parks Corporation
- Hong Kong Waste Management Association
- Institution of Mechanical Engineers - Hong Kong Branch
- The Hong Kong Air Conditioning and Refrigeration Association
- The Society of Operations Engineers, Hong Kong Region

PROGRAMME

8:45 - 9:05am	<i>Registration</i>
9:05 - 9:10am	<i>Welcome Remarks</i> Ir Norman CHENG, Chairman of the Organizing Committee
9:10 - 9:15am	<i>Opening Address</i> Ir Joseph CHOI, President, The Hong Kong Institution of Engineers
9:15 - 9:45am	<i>Keynote Address</i> Mr Kam-sing WONG, JP, Secretary for the Environment, Environment Bureau, The Gov't of the HKSAR
9:45 - 10:15am	<i>Keynote Address - Optimizing Integrated Town Planning for the Development of Hong Kong into a Sustainable Asia's World City</i> Ir Dr the Hon Wai-kwok LO, SBS, MH, JP Legislative Councillor (Engineering Functional Constituency), HKSAR
10:15 - 10:45am	<i>Keynote Address - The Waste Management landscape in Singapore – Experiences, Challenges, and Opportunities (TBC)</i> 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	<i>Creating Environmental Capacity for Sustainable Development under Hong Kong 2030+</i> Ms Phyllis LI Chi-miu, Deputy Director of Planning / Territorial, Planning Department, The Government of the HKSAR
11:40 - 12:05pm	<i>How can Hong Kong Attain a Competitive Advantage through Further Urban Sustainability Improvements?</i> Mr John BATTEN, Global Director of Cities & Water, Arcadis
12:05 - 12:20pm	<i>Discussion</i>
12:20 - 2:00pm	<i>Lunch Break</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	<i>Hong Kong's First Biodiversity Strategy and Action Plan and its Relationship to Hong Kong as a World City</i> Professor LAM Kin-che, Chairman of the Steering Committee, Hong Kong's First Biodiversity Strategy and Action Plan
2:25 - 2:50pm	<i>Drainage Services - from Grey to Blue Green</i> Ir Ka-wai MAK, JP, Deputy Director, Drainage Services Department, The Government of the HKSAR
2:50 - 3:05pm	<i>Discussion</i>
3:05 - 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 - 4:00pm	<i>Waste Strategies in a Global Urbanisation Trend: European Approach for Circular Economy - Some French Initiatives</i> Mr Antoine GRANDGE, CEO - Recycling and Recovery Asia, SITA Waste Services Ltd
4:00 - 4:25pm	<i>Meeting the Challenges of Urban Regeneration and Contaminated Lands</i> Ir Dr Paul KAU, EHS Services Director / Senior Environmental Scientist, Golder Associates (HK) Ltd
4:25 - 4:40pm	<i>Discussion</i>
4:40 - 4:45pm	<i>Closing Remarks</i> 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	()
* HKIE Graduate Members	\$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 HKIE 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/>