



Developing Intelligent Resource Preservation Strategies for Hong Kong: Challenges for Innovation and Sustainability

27 April 2018

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

Environmental Division
環境分部

The HKIE Environmental Division Annual Forum 2018

**“Developing Intelligent Resource Preservation Strategies for Hong Kong:
Challenges for Innovation and Sustainability”**

Friday, 27 April 2018

**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)

INTRODUCTION

Global adverse environmental burden and drastic depletion of resources induced by intensive consumption, heavy pollution and climate changes have led to the identification of waste as a valuable resource that requires responsible and sustainable solutions for managing and recovering. Accordingly, the holistic concepts of “zero waste”, “circular economy”, “cradle-to-cradle”, “closed loops” and “resource recovery” have emerged worldwide over the last decade as part of a cultural shift and a new way of thinking about the age-old problem of waste and the economic obsession with endless growth and consumption.

In Hong Kong, the Government, in collaboration with key stakeholders, is actively promoting the development of waste reduction and recovery with various initiatives and major environmental programmes and infrastructure investments, in particular, the waste-to-energy programme, and public consultation on the transfer of advanced technologies for waste recycling and recovery strategic plans. Regulations, incentives and funding supports with continuous professional skills improvement schemes are also being establishing to stimulate the development of resource preservation in Hong Kong against resource-intensive economy.

It is therefore timely for HKIE Environmental Division to promote the discussion on the intelligent resource preservation strategies in Hong Kong by bringing together various stakeholders. The main objective is to inspire, empower, and inform professional bodies, public and all stakeholders on emerging innovative waves in resource preservation intelligence, and to mobilize practical knowledge and know-how for dealing with cross-cutting and challenging issues.

The forum comprises the keynote session and three other sessions: I) Legislation and Policy Reforms as Potential Drivers for Resource Preservation; II) Driving Green Alternatives for Sustainable Resource Management; and III) Embracing Emerging Sustainable Approaches for Managing Specific Resources.

SUPPORTING ORGANIZATIONS

Academic

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

Non-academic

- Environment Bureau, The Government of the HKSAR
- British Consulate-General Hong Kong
- Consulate General of Canada in Hong Kong and Macao
- Netherlands Consulate General in Hong Kong SAR and Macao SAR China
- New Zealand Consulate-General
- Hong Kong General Chamber of Commerce
- British Chamber of Commerce in Hong Kong
- Chinese Manufacturers' Association of Hong Kong
- French Chamber of Commerce & Industry
- New Zealand Chamber of Commerce in Hong Kong
- The Chinese General Chamber of Commerce
- Asian Institute of Intelligent Buildings
- Business Environment Council
- Canadian Society for Civil Engineering Hong Kong Branch
- Chartered Institution of Water and Environmental Management - Hong Kong Branch
- Council for Sustainable Development
- Engineers Australia Hong Kong Chapter
- Environmental Management Association of Hong Kong
- Federation of Hong Kong Industries
- 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 Waste Management Association
- Institution of Mechanical Engineers - Hong Kong Branch
- The Hong Kong Air Conditioning and Refrigeration Association
- The Institute of Materials, Minerals and Mining - Hong Kong Branch
- The Society of Operations Engineers, Hong Kong Region

ORGANIZING COMMITTEE

Chairman: Ir CHAN, Thomas C T

Members:	Ir TANG, Kelvin	Ir AU, Elvis
	Ir Dr CHAN, Raymond K L	Ir CHENG, Norman
	Ir CHOI, C M	Ir Dr GBAGUIDI, Alex
	Ir IP, Tat Yan	Ir KWAN, Anthony
	Ir LAM, C F	Ir LAM, Chi Sing
	Ir LEE, Vincent	Ir LEE, Ping Kuen
	Mr LEE, Patrick	Ir LEUNG, C F
	Ir Professor LO, Irene	Ir LO, P C
	Ir Dr MA, Anthony	Ir Dr SHIH, Kaimin
	Ir SIN, Calvin	Ir WONG, Alex
	Ir Dr ZHOU, Shelley	Ms CHAN, Jacqueline
	Mr LAM, Benjamin	Ms YU, Emily

GUEST OF HONOUR

- Mr WONG Kam-sing, GBS, JP
Secretary for the Environment, Environment Bureau, The Government of the HKSAR

OPENING ADDRESS

- Ir Thomas KC CHAN
President, The Hong Kong Institution of Engineers

KEYNOTE ADDRESS

- **Rethinking our Waste Management Policies**
Ir Dr the Hon LO Wai-kwok, SBS, MH, JP
Legislative Councillor (Engineering Functional Constituency), HKSAR
- **Policy Instruments to Achieve Progress towards Resource Efficiency in Taiwan**
Dr Harvey HOUNG, Board Director, The Institute of Environment & Resource, Taiwan

INVITED SPEAKERS

- **Innovative Approach of Resource Utilization – Real Example in Hong Kong & China**
Ir Professor Daniel M CHENG, BBS, MH, JP
Managing Director, Dunwell Enviro-Tech (Holdings) Ltd
- Mr Mike KILBURN
Acting General Manager - Sustainability, Airport Authority Hong Kong
- **E-Waste – The Global Problem – The Hong Kong Solution**
Mr Nigel MATTHEWS
Director & General Manager, ALBA Integrated Waste Solutions (Hong Kong) Ltd
- Professor Jonathan WONG
Department of Biology, Hong Kong Baptist University
- **Paper Recycling and Recovery: Technological Approach and Challenges**
Mr Harold YIP
Executive Director, Secure Information Disposal Services Ltd

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 2018

“Developing Intelligent Resource Preservation Strategies for Hong Kong: Challenges for Innovation and Sustainability”

Friday, 27 April 2018 (9:00am – 5:00pm)

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

Name : (Mr/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 2018)	Members of The HKIE and Supporting Organizations : \$900	()
	Non-Members : \$980	()
Full Registration (after 27 Mar 2018)	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/hkieevd2018/home>