

**HONG KONG INSTITUTION OF ENGINEERS
ENVIRONMENTAL DIVISION
ANNUAL REPORT FOR SESSION 2011/2012**

Chairman's Message

To enable us to provide sound services to a division of 4935 members (at 5 Apr 12), I have to express my sincere gratitude to the Committee Members for the unreserved support and active participation for the learned society activities which makes the Environmental Division (EVD) a fruitful year again!

For session 11/12, we adopted "Quality Living in Metropolitan Cities" as our main theme. As per the tradition, the EVD Annual Seminar was held at HKCEC on 17 Apr 12. The subject was 'Environmental Impact Assessment for Sustainable and Quality Living'. Ir TY Ip, the OC Chair/Division Hon Secretary, was very busy to get the project done with quality. The other major event was our EVD Annual Reception at WTC on 19 Oct 11. The theme delivery by Prof KC Ho was impressive and we had prominent senior officials to support our event. Salute to Ir KWong, the OC Chair/Division Deputy Chair! The EVD Strategic Planning Workshop was successfully conducted at the HK Football Club on 22 Oct 11. The dialogues among the Committee Members, especially with the young members, were very useful! I am indebted to Ir A Kwan, OC Chair/Division Hon Treasurer.

Apart from the said 3 events headed by our Office Bearers, we have approximately 50 learned society activities including seminars, technical visits, delegations etc as per attached. Most of the activities were well received by the members and supported by other Divisions or relevant associations. Many thanks to Ir CS Lam, Mr B Lam and Ms F Mok for organizing the technical visits and seminars at the HKIE! To make use of the golden opportunity, allow me to deliver our thanks to Ir CF Lam, IPC, Dr CW Tso, Council Representative, Ir KP Yim and Ir PK Lee, Past Chairs for their active participation and professional advices. And, it is necessary for me to explicitly elaborate the contributions by Prof I Lo for her dedications to our A Seminar and a talk at the HKIE. The Delegation/Class at Beijing from 4th Apr to 9th Apr of 2012 was definitely memorable. Many thanks to Ir O Poon for his support to make the class feasible! It is worthwhile to highlight the good relationship with the Macau Institution of Engineers and Guangdong Association for Science & Technology. We had symposium held in Guangzhou on 17th and 18th of Nov 11 and we had table tennis competition in Macau on 11th Feb 12.

The Committee

The Committee of the Environmental Division includes the following members who have greatly

contributed to discussions and organizing various activities for the Division in this Session. A number of young helpers also sit in regular meetings.

Committee Members

Ir Dr Louis F.S. LOCK	Chairman
Ir C.F. LAM	Immediate Past Chairman
Ir Kenny S.W. WONG	Deputy Chairman
Ir T.Y. IP	Honorary Secretary
Ir Anthony L.F. KWAN	Honorary Treasurer
Ir Johnson K.C. LEE	Committee Member & CPD Committee Representative
Ir C.S. LAM	Committee Member & CS Committee Representative
Ir Andrew N.Y. YUEN	Committee Member & PR Committee Representative
Ir Dr Simon S.O. HO	Committee Member
Ir Richard S.T. CHAN	Committee Member
Ir Prof Frank S.C. LEE	Committee Member
Ir Herman T.K. AU	Committee Member
Ir K.P. YIM	Committee Member
Ir Emily W.S. HUNG	Committee Member
Ir P.C. LO	Committee Member
Ir Stephen M.C. LEE	Committee Member
Ir Prof Irene M.C. LO	Committee Member

Ex-officio and co-opted Members

Ir Benny Y.K. WONG	Ex-officio Member – Discipline
Ir Dr C.W. TSO	Ex-officio Member - Council Member (Environmental)
Mr Benjamin Y.B. LAM	Ex-officio Member - AMC Representative
Mr Ambrose H.T. CHAN	Ex-officio Member - YMC Representative
Ir P.K. LEE	Co-opted Member
Miss Flora Y.T. MOK	Co-opted Member
Ms Catherine W.M. LEUNG	Co-opted Member

Finance

The Environmental Division began the 2011/2012 financial year with a balance of HK\$360,258.61 and received a total allocation of HK\$113,592 from the HKIE Headquarters.

The Division's account held a total of HK\$ 315,248.65 at the end of March 2012. According to the Rules for Division Accounts, after the Division has received its "End of Year Account" for the 2011/2012 financial year from HKIE Headquarters, two assigned Corporate Members will audit these accounts. After this audit, the account will be available for inspection.

Ir Dr Louis FS LOCK

DBA(UniSA) HonFUclan HonDEng HonFSOE HonFIplantE FHKIE RPE(BSS CAI ELL) FInstMC CEng CEnv

Chairman, Environmental Division 2011/2012

Annex - Schedule of Technical Meetings and Visits 2011/2012

Date	Title
9 July 2011	Technical visit to environmental-friendly operation in mailing system of the General Post Office of Hongkong Post
22 July 2011	Seminar on energy efficiency and auditing of building
25 July 2011	Seminar on modern technology for solid waste management
26 July 2011	Seminar on WATERMAN - real-time beach water quality forecast for Hong Kong
28 July 2011	Seminar on the production of high surface area activated carbons from waste bamboo scaffolding
29 July 2011	廚餘管理「化廢為寶」研討會
10 August 2011	Seminar on ISO 50001 and its synergy with existing energy and GHG initiatives
30 August 2011	Seminar on green initiatives in public housing
15 September 2011	Seminar on Project WATERMAN - Fisheries Management and Red Tide Early Warning System for Hong Kong
24 September 2011	1-day Delegation to Macau on construction development, UMAC campus expansion, economic houses, Light Rail Transit
24 September 2011	紓緩氣候變化：從樓宇節能減排開始」地區討論坊暨「碳足跡經理」啓動儀式
27 September 2011	Development of Food Waste Treatment Facilities in Hong Kong
22 October 2011	HKIE EVD Strategic Planning Workshop 2011/12 for Committee Members
18 October 2011	Seminar on Building Sustainability in the Supply Chain: Experiences Sharing of the "Green" Journey
19 October 2011	Annual Reception
21 October 2011	Seminar on Power Hop of Agricultural Tractors
25 October 2011	Seminar on Radiation Monitoring in Hong Kong
29 October 2011	Technical Visit to Pillar Point Sewage Treatment Works
11 October 2011	Seminar on Advancement of 3D noise mapping in Hong Kong
9 November 2011	Seminar on An Innovative and Environmental Method for Installing Data Mast for CLP's Offshore Wind Farm Feasibility Study
11 November 2011	Seminar on Project WATERMAN - 3D Environmental Impact Assessment System
17 – 19 November 2011	GHMT Guangzhou Forum (兩岸四地工程師論壇)
19 November 2011	Seminar on Becoming Green Building Professionals, what and how?
21 November 2011	Seminar on London Olympic 2012 - How to Make the Biggest European Sport Event Sustainable: Land Decontamination Initiatives
22 November 2011	Seminar on "A Practical Way to reduce Carbon Footprint: from Self Assessment to Action!"
28 November 2011	Seminar on Corporate Sustainability of The Hong Kong Jockey Club
30 November 2011	Technical Seminar on Flue Gas Desulfurization (FGD) Plants
3 December 2011	Distinguished Lecture on "Latest Findings and Policies in China on Climate Change -

Date	Title
	Challenges and Opportunities
10 December 2011	Technical Visit to Lamma Power Station
12 December 2011	Technical Meeting On Multi-function Green Municipal Wastewater Treatment Facility with Constructed Wetland: A Demonstration in Longgang and Xi Li, Shenzhen
14 December 2011	Seminar on “Route to become an Environmental Engineer”
17 December 2011	Technical Visit to Multi-function Green Municipal Wastewater Treatment Facility with Constructed Wetland: A Demonstration in Longgang and Xi Li, Shenzhen
21 December 2011	Seminar on “Leasing, sale and purchase agreement”
6 January 2012	Seminar on “堪輿學與環境學”
7 January 2012	Technical Visit to Hongkong Electric Smart Power Centre
14 January 2012	Technical Visit to the Smart Grid Experience Centre and Energy Efficiency Exhibition Centre of CLP Power
17 January 2012	Seminar on MBR Biotoilet Water Recycling Systems In Hong Kong
1 February 2012	Seminar on “萃智(TRIZ)創新理論”
3 February 2012	Seminar: on “Building Energy Efficiency in Hong Kong: How High We Can Go?”
9 February 2012	Seminar on 陳式心意混元太極拳及混元內功[導引術]
23 February 2012	Seminar on “Energy-saving (E-saving) Technologies for Domestic House”
25 February 2012	Technical Visit: Hongkong Electric Power Quality Centre
9 March 2012	Seminar on LED – Winner or Loser? Future or Timer?
19 March 2012	Seminar on Control of Water Pollution at Jordan Valley Box Culvert
23 March 2012	Seminar on Contaminated Land Assessment in Hong Kong
26 March 2012	Seminar on “一個工程師看末日預言??”
27 March 2012	Seminar on “the Proposed New Air Quality Objectives for Hong Kong”
14 April 2012	Technical Visit to Dong Guan Grand Halo Electronic Co., Ltd.
17 April 2012	Annual Seminar
24 April 2012	Annual General Meeting
27 April 2012	Seminar of Hong Kong Green Purchasing Charter (HKGPC): Recycled Plastic Information Sharing
24 May 2012	Seminar on “Mega Earthquakes - impacts, cause and predictions”
31 May 2012	Seminar on Advanced Technology in LED Lighting Application
14 June 2012	Seminar on “Exhaust Re-entrainment - Engineering Approaches to Quantify and Minimize the Contamination of Building Fresh Air Intakes”

For more updated information, please visit homepage for the Division, <http://ev.hkie.org.hk> managed by Ir Herman Au.