



香港工程師學會

THE HONG KONG INSTITUTION OF ENGINEERS

香港銅鑼灣記利佐治街1號金百利9字樓

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## ENVIRONMENTAL DIVISION ANNUAL REPORT FOR SESSION 2009/2010



### Chairman's Message

On behalf of the Committee of Environmental Division, it is my great honour and pleasure to present to you the Annual Report for Session 2009/2010.

The Committee is fully aware that value-added learned society activities can facilitate our Members to exchange views, share experiences, do networking and foster closer co-operation among themselves and with others. This would hopefully help members stay ahead in today's knowledge-based and competitive market economy recovered from the recent global financial tsunami. With this in mind, the Committee had in the past 12 months organised more than 60 learned society activities (see Annex), and many of them were in collaboration with other Divisions of the HKIE, local universities and like-minded professional bodies and relevant organisations. These activities covered not only technical talks, visits, forums, seminars, conferences and awards competitions, but study tours to Guangxi and Liaoning in Mainland and also to Japan, Singapore and Vietnam. All these were well received by the participants, and I would like to take this opportunity to express my gratitude to all members for their unfailing support and active participation.

Among the notable events occurred during the Session was the Division's Annual Reception held on 19 January 2010 at the World Trade Club. Over 100 representatives from Government, consulates, academia, professional institutes, NGOs, public utilities and engineering firms were present at the reception listening to an enlightening speech entitled "Some Thoughts on Environmental Management in Hong Kong" by Prof Paul Lam, Chairman of the Advisory Council on Environment. The Division also took the lead in compiling a written response to the consultation paper on "Air Quality Objectives Review" for HKIE's official submission to the Environment Bureau in November 2009. Apart from that, the Division's Annual Seminar on Engineering Challenges for Low Carbon Future was held on 9 April 2010 at the HKCEC. The objective of the seminar is to explore feasible mitigation and adaptation engineering initiatives to achieve low carbon intensity needed to combat climate change.



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## **The Committee**

The Committee of the Environmental Division consists of the following members who have made significant contributions to the efficient and effective operations of the Division. Without their dedication, resourcefulness, hardwork and unfailing support, it would not be possible for me to serve as the Chairman and for the Division to organise a wide range of learned society activities to meet the needs and expectations of our Members.

### **Committee Members**

Ir Dr C W Tso	Chairman
Ir P K Lee	Immediate Past Chairman
Ir C F Lam	Deputy Chairman
Ir T Y Ip	Honorary Secretary
Ir C S Lam	Honorary Treasurer
Ir Richard S T Chan	Committee Member
Ir Y H Cheung	Committee Member
Ir Herman T K Au	Committee Member
Ir Benny Y K Wong	Committee Member
Ir K P Yim	Committee Member
Ir Anthony L F Kwan	Committee Member
Ir Dr Louis F S Lock	Committee Member
Ir Dr Simon S O Ho	Committee Member
Ir Prof Irene M C Lo	Committee Member
Ir Kenny S W Wong	Committee Member
Ir C W Kwong	Committee Member
Mr James K K Lau	Committee Member

### **Ex-officio and co-opted Members**

Ir Benny Y K Wong	Ex-officio Member – Discipline
Ir Patrick W M Ng	Ex-officio Member - Council Member (Environmental)
Mr Adrian H L Wong	Ex-officio Member - AMC Representative
Ir Emily W S Hung	Ex-officio Member - YMC Representative
Ir Johnson KC Lee	Co-opted Member
Ir Andrew N Y Yuen	Co-opted Member
Ir C Y Fong	Co-opted Member

## **Membership**

By end of March 2010, the membership of Environmental Division recorded an increase of 5.2% to 4,767 from 4,530 a year ago. Among them include 202 Fellows, 2,817 Members, 6 Companions, 970 Graduates, 320 Associates, 331 Students and 121 Affiliates. There are 238 members of Environmental Discipline.

## **Finance**

The Environmental Division began the 2009/ 2010 financial year with a balance of HK\$515,751.01 and received a total allocation of HK\$113,308.00 from the HKIE Headquarters.



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The Division's account held a total of HK\$473,046.56 at the end of March 2010. According to the Rules for Division Accounts, after the Division has received its "End of Year Account" for the 2009/2010 financial year from HKIE Headquarters, two assigned Corporate Members will audit these accounts. Afterwards, the audited account will be available for inspection.

A handwritten signature in black ink, appearing to read 'Tso Che Wah', is written over a light blue horizontal line.

*Ir Dr TSO Che Wah*

*Chairman, Environmental Division 2009/2010*



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Annex - Schedule of Technical Meetings and Visits 2009/2010

DATE	TITLE
16 July 2009	Guide to Application for Energy-cum-carbon Audits Project
21 July 2009	Clean Development Mechanism (CDM)
25 July 2009	Delegation visit to Malaysia and Singapore, and overview engineering and infrastructure development in ASEAN Region
31 July 2009	The challenges in the design of LED lighting power supplies
4 August 2009	Lift Safety
7 August 2009	Present and Future Development of Electric Vehicles
7 August 2009	Silent Piling
12 August 2009	Low Energy & Low Emission Cement for High Performance
9 September 2009	Light Pollution – an introduction
16 September 2009	Air Quality Objectives Review
18 September 2009	Environmental-Friendly Illumination Technology for a Brighter Future
19 September to 1 November 2009	International Coastal Cleanup 2009 Hong Kong
24 September 2009	HSBC Green Roof Projects
5 October 2009	British Standard 8900 - Managing Sustainable development in Organisations
6 October 2009	Ways to Achieve Energy Conservation with Practical Applications
9 October 2009	Green Building to deal with Global Warming
10 October 2009	Create Change, Electric Vehicle Makes a Difference
12-17 October 2009	Joint Study Tour to Japan
17 October 2009	Sewage Treatment Plant in Guangdong Province
20-24 October 2009	Delegation Visit to Guangxi and Vietnam
21 October 2009	Wind Power in Hong Kong and China
28 October 2009	Control of Volatile Organic Compound Emissions from Products
29-30 October 2009	Two-coast Forum on Sustainable Solid Waste management 2009
31 October 2009	Review of Marine Water Quality Objectives
7 November 2009	Technical Visit to Lamma Power Station
8-10 November 2009	The International Workshop on Regional Air Quality Management in Rapidly Developing Economic Region
11 November 2009	Eco League – Could the Government, Business Organizations and Citizens be harmonized with Economic Values of Waste Management?''



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DATE	TITLE
12-13 November 2009	6 <sup>th</sup> International Symposium on Environmental Anaerobic Technologies
18 November 2009	Electric Vehicle Charging Infrastructure in HK
25 November 2009	Engineering projects development in ASEAN members countries
7 December 2009	I – Ching and Management
15 December 2009	Technical Meeting on Municipal Solid Waste – Disposal Problem or Energy Opportunity
16 December 2009	Impact of Land Reclamation on Coastal Groundwater System
25 December 2009	Technical Visit to Shenzhen Paint Factory
6 January 2010	Tunnel Boring Machine (TBM) Groundborne Noise Prediction Models
15 January 2010	The Role of the Energy Audit in Establishing and Reducing Carbon Footprint in Green Buildings and Non-green Buildings Alike
19 January 2010	Molecular Gastronomy – A dialogue between Chefs and Engineers
19 January 2010	Annual Reception
20 January 2010	Climate Change – the Engineer’s Involvement
22 January 2010	Debriefing on Environmental Study Tour to Japan on Waste Management – The Road Ahead for Hong Kong
24 January 2010	Tung Ping Chau – Erosion of Sedimentary Rock
4 February 2010	Water Quality Objectives for Hong Kong – Major Challenges
9 February 2010	Development of a Revolutionary Green Energy Turbine – From Concept to Reality
24 February 2010	Review of West Tai Lake Environmental Management and Treatment Plan
1 March 2010	Chinese Wisdom and Modern Management Series II 中華智慧與現代管理系列二
2 March 2010	研討會- 桂林灑江的生態修復
13 March 2010	WENT Landfill Site
19 March 2010	Wrestling with Greenhouse Gases to Win Sustainability
21 March 2010	Siu Sai Wan to Shek O – Rock and Geological visit
23 March 2010	Seminar on Producer Responsibility Scheme (PRS) for Waste Electrical & Electronic Equipment (WEEE)
20 March 2010	Kowloon Bay Waste Recycling Centre
27 March 2010	參觀米埔亞洲水產養魚場 (Aquaculture Technologies Asia Ltd.)
9 April 2010	Annual Seminar “Engineering Challenges for Low Carbon Economy”
22 April 2010	Division AGM

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