

ENVIRONMENTAL DIVISION ANNUAL REPORT FOR SESSION 2018/2019

Chairman's Message

It is my great honour and privilege to be elected as the Chairman of the Environmental Division for the Session 2018/2019. I would first like to express my most sincere appreciation to all my predecessors for building such a solid foundation for the Environmental Division, and the hard-working Committee members who have dedicated so much to the Division and Institution. The Environmental Division would not be successful without their immense contribution.



The world is altering rapidly, and engineers must be able to adapt to this ever-changing environment. Opportunity is reserved for those who are well prepared, and it is therefore important to provide the necessary platform to our members so that the latest knowledge in the field could be shared. Starting from the One-Belt-One Road initiative and now streamlining to Greater Bay Area, there are significant opportunities for engineers and thus it was one of the key objectives of this term to share the latest news on this subject. Different visits were organized to neighbouring cities in the Greater Bay Area, namely Macau, Guangzhou, Foshan, Zhaoqing, Huizhou, and Zhuhai so that members could have a better understanding on the enormous market that awaits us. It is also important for our members to further understand the latest development in environmental engineering, and with the great efforts of our committee members, over 70 technical seminars and visits have been organized for our members in the 2018/2019 term. Our signature event, Annual Forum 2019, also drew an audience of more than 300 environmental professionals.

Furthermore, environmental management is a diverse field, and it was one of the main objectives to work closely with other divisions of the HKIE and other Professional Institutions as well. An extremely successful inter-division course on topics related to environmental management was organized with the Gas and Energy and Mechanical, Marine, Naval Architecture, and Chemical Division of the HKIE. Many events were co-organized with other Professional Institutions to create better synergies and allow enhanced collaborations among the environmental management practitioners in Hong Kong. In order to nurture and inspire the young engineers in this field, the Environmental Division hosted numerous career talks at universities and sponsored students to overseas visits and supported their attendance to technical seminars and conferences. Students from secondary schools and universities were also arranged to participate in our Job Shadowing Programme, where they visited companies in the environmental engineering industry to understand more about the prospects in this field.

Finally, I would like to express my most heartfelt gratitude for our members' unwavering support to our Division, and looking forward to our members' continuous support in the future!

Norman Cheng
Chairman of Environmental Division

The Committee

The Committee of the Environmental Division includes the following members who have greatly contributed to discussions and organising various activities for the Division in this Session. A number of young helpers also joined our regular meetings and participated in our activities.

Committee Members

Ir CHENG Chung Ming, Norman	Chairman
Ir TANG Sher Kin, Kelvin	Immediate Past Chairman
Ir CHAN Chung Tak, Thomas	Deputy Chairman
Ir CHAN Yee Tak, Jacqueline	Hon Secretary
Ir Dr Anthony MA	Hon Treasurer
Ir CHOI Chung Ming	Committee Member, CPDC Representative
Ir Dr CHAN Ka Lung, Raymond	Committee Member, PSC Representative
Ir Dr ZHOU Wenwen, Shelley	Committee Member
Ir Dr GBAGUIDI Alex Engagnon	Committee Member
Mr LAM Yau Bun, Ben	Committee Member
Ir Prof LO Man Chi, Irene	Committee Member
Ir LEE Ping Kuen	Committee Member
Ir LO Pak Cheong	Committee Member
Ir Dr SHIH Kaimin	Committee Member
Ir KWAN Lok Fong, Anthony	Committee Member
Ir Alex WONG	Committee Member
Ir Vincent LEE	Committee Member

Ex-officio and Co-opted Members

Mr Patrick LEE Wei Wood	Ex-officio Member, AMC Representative
Ir SIN Yuk Wah, Calvin	Ex-officio Member, SSC Representative
Ms WAI Yi Kwan, Evelyn	Ex-officio Member, YMC Representative
Ir IP Tat Yan	Ex-officio Member, Council Member (Division)
Ir LAM Cheuk Fung	Ex-officio Member, Discipline Representative
Ir LEUNG Chi Fung	Co-opted Member
Ir LAM Chi Sing	Co-opted Member
Ir Mannix CHAN	Co-opted Member

Helpers

CHAN Henry	Helper
CHENG Franky	Helper
CHOW Peter	Helper
HO Hydro	Helper
LEUNG Gary	Helper
LI Gigi	Helper
LO Jacline	Helper
WANG Daniel	Helper
YIP Dora	Helper
YIP Kenny	Helper

Publication in HKIE Monthly Journal

We continue to act as a coordinator which works closely with potential writers for preparation of articles. From July 2018 to April 2019, we have submitted 6 articles about the activities /seminars organised by us for sharing and communication among members.

HKIE Environmental Division Website

The HKIE Environmental website (<http://ev.hkie.org.hk/>) has performed an excellent function in keeping members up-to-date with major and important events. This includes the activities for which we are the supporting organisation. The photos and PPT presentations presented in the seminars could be downloaded from the website to facilitate easy sharing of useful information. The photo gallery stores photos taken in the current and past activities were uploaded for sharing among members, which brings back wonderful memories and joyful moment in the various event and activities.

Activities

In addition to organising high quality technical seminars and visits, in this session we were also involved in other activities, such as making presentations to professionals and general public, attending and responding to consultations, and representing HKIE on external committees / panels so as to further boost up the professional standing of HKIE Environmental Division. A total of 75 technical seminars/visits/meetings were arranged for this session, with an overall attendance of approximately 4,800 participants. The activities organised and co-organised by the Committee are summarized in Annex 1 and 2 of the report. Some signature activities of this session are highlighted below:

One of the main events this year for the environmental division was the 9th Guangdong, Hong Kong, Macau Sustainable Development Forum which was co-organized with the civil division, building division, Macau Institute of Engineers, and Guangzhou Association for Science and Technology (GZAST) on 6 November 2018 in Macau. There were over 180 participants from Guangdong and Macao and 6 EVD committee members attended. A key aspect of the Environmental Division this year is to foster a closer relationship with different institutions and this event was just an illustration of the partnerships and synergies that have been created.

The Annual Reception was held on 8 November 2018 at Cityview Hotel with Mr Donald TONG JP, Permanent Secretary for the Environment/Director of Environmental Protection serving as the Guest of Honour for our event. There were over 120 participants attending the reception.

The Annual Forum titled “Environmental Innovation: Opportunities and Challenges in Hong Kong” was held in Crowne Plaza Hotel on 30 April 2019. The Forum was comprised of the keynote session and three other sessions, namely 1) Experiences in Driving Environmental Innovation; 2) Business Opportunities from Environmental Innovations; and 3) Pitching for Environmental Technology Companies. This forum aimed 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. There were over 300 participants attended the event.

We organised the Job Shadowing Programme and continue to extend the out-reaching from high school to tertiary education students, and thus we received approximately 170 students from 3 higher education institution and 2 secondary schools attending this Programme. With the support from 5 host organisations/companies, namely China Light & Power Co., ALBA Integrated Waste Solution (HK) Limited, ATAL Engineering Company, Mott MacDonald Hong Kong Limited and Jardine Engineering Corporation, the programme provided an opportunity for young people to explore first-hand skills needed to succeed in today’s and future job markets and to enhance their environmental awareness. The programme was welcomed by the students, who have expressed strong interest in the environmental engineering profession and they were also able to appreciate the knowledge and ability required to develop their careers as environmental engineers.

A reach-out programme was initiated this year where environmental division committee members led by the Chairman visit different companies in order to promote the environmental division while listening to the members/potential members on how the environmental division could serve them better. In total, there were 2 reach-out sessions and over 70 members participated. Two more sessions are being planned before the end of the session. Conclusions from the meetings are as follows:

- Enhance the status of Environmental Engineer
- Encourage more companies to join Scheme A training of Environmental

Discipline

- Increase job opportunities in the environmental engineering sector
- Provide more technical seminars on hot topics related to environmental management
- Exchange insights with experts from overseas
- Create more opportunities to meet and liaise with other professional institutions

For details of our activities, please refer to our website <http://ev.hkie.org.hk>

Public Consultation

We offered our views and comments to the following consultation papers

1. Waste Charging Consultation
2. 2019-2020 Budget Consultation
3. Bills Committee on Waste Disposal (Charging for Municipal Solid Waste) (Amendment) Bill 2018

Environmental Discipline Advisory Panel

The Discipline Advisory Panel supported the Competence based Professional Assessment Scheme and 27 experienced assessors have attended the Competence based Professional Assessment briefing in 2018/2019.