

**ANNUAL REPORT
2017 - 2018**

I. Office bearers for the session 2017 - 2018

The following members served on the committee for the session 2017 – 2018:

Chairman	Mr SHUN Chi-ming Hong Kong Observatory
Vice Chairman	Dr David LAM Hok-yin Hong Kong Observatory
Hon Secretary	Mr Terence KUNG Hong Kong Observatory
Hon Treasurer	Dr. CHONG Sze-ning Hong Kong Observatory
Committee Members	<p>Dr LAM Ka-se Hong Kong Polytechnic University</p> <p>Dr Alexis LAU Kai-hon Hong Kong University of Science and Technology</p> <p>Dr LAU Ngar Cheung, Gabriel Chinese University of Hong Kong</p> <p>Mr LEUNG Wing Mo Hong Kong Polytechnic University</p> <p>Dr. Jianfeng LI Hong Kong Baptist University</p> <p>Mr Cliff LO Community Weather Information Network</p> <p>Dr NG Cho-nam University of Hong Kong</p> <p>Dr Edward NG Yan-yung Chinese University of Hong Kong</p> <p>Dr Wen ZHOU City University of Hong Kong</p>

The positions of Honorary Auditor and Honorary Legal Advisor are vacant. The Society would seek for professional assistance if and when required.

II. Membership

As of 20 December 2018, the membership register included 6 Honorary Members, 114 Fellows, 46 Full Members, 52 Student Members and 11 Corresponding Members, making a total of 229 members.

III. Review of the year

Activities

An eco-tour to Lai Chi Wo (荔枝窩), led by Mr Lam Chiu-ying, was organized on 7 January 2018. The activity was well-received with over 30 participants joining.

A Popular Meteorological Science Lecture Series with the theme “Weather-ready, climate smart” was organized on 3 November 2018 in collaboration with the Hong Kong Science Museum. It was then followed by a Popular Science Talk for Teens on “Weather-ready, climate smart – Aviation” on 18 November 2018 in collaboration with the Hong Kong Central Library. The details are as follows:

Title	Speaker
Eating Seasonal Foods : The Bigger Picture	Mr Leung Wing-mo Spokesperson of the Hong Kong Meteorological Society Member of the Council for Sustainable Development
Urban Micro-climate ● Green Architecture	Mr Tony Ip Green Architect & Town Designer
“Weather-ready, climate-smart” – Aviation	Mr Chris Chan Assistant General Manager, Smart Airport at Airport Authority Hong Kong Mr Hon Kai-kwong Scientific Officer The Hong Kong Observatory Mr Cheung Ping Scientific Officer The Hong Kong Observatory

The lecture series was well received with a total of over 300 participants.

The Society supported the Hong Kong Observatory (HKO) on the “Cloud-sourcing: in Touch with Weather from Land, Sea, and Air Photo and Video Collection Campaign” from

December 2017 to February 2018 to showcase stunning imagery from members of the public as well as from members of the aviation and marine communities.

The Society co-organized with the University of Hong Kong on the “Ultra-violet (UV) Radiation Detector Meter Design Competition” for local primary and secondary school students in 2017/2018. The competition attracted over 400 participants from primary, secondary and international schools. The final adjudication and award presentation ceremony was successfully held on 29 April 2018. Details could be found at <http://i.cs.hku.hk/~uv>.

The Society also supported Ho Koon Nature Education cum Astronomical Centre for the organization of “天氣觀測專題探究比賽2018”. The final competition, adjudication, as well as the prize giving ceremony were held at Wong Tai Sin Sik Sik Yuen on 5 May 2018.

The Society jointly organized with Hong Kong Education City (HKEdCity), Microsoft HK Ltd. and the HKO on the “AI Challenge – Weather Forecasting Competition”. The competition enabled secondary school students to make use of machine learning/deep learning in AI in forecasting temperatures at Zero Carbon Building. A briefing session and Machine Learning workshop was conducted on 20 October 2018. The competition attracted 33 teams from 24 secondary schools. The prize presentation ceremony was successfully held on 14 December 2018. Details could be found at https://www.hkedcity.net/coding/en/AI_challenge. Photos of the award presentation ceremony can be found at <https://www.hkedcity.net/home/gallery/lte2018>

A Guangdong-Hong Kong-Macao Great Bay Area Meteorological Technology Forum (粵港澳大灣區氣象科技論壇) organised by the Guangdong Meteorological Society was held in Zhuhai on 20 December 2018. Dr. David Lam and Dr. Zhou Wen participated in the event on behalf of the Society. A paper was also presented by a PolyU postgraduate student.

Mr Leung Wing-mo spoke in several media interviews on behalf of the Society on climate change and some significant weather events including Severe Typhoon Mangkhut.

Society Bulletin and Proceedings

Vol. 25 (2015) and Vol. 26 (2016) are under preparation. The EC maintains the long-term goal to improve the status of the Bulletin to become a Science Citation Indexed publication.

Website and Facebook

The Society’s website has been revamped at <http://www.meteorology.org.hk/new/> to include more weather information and to facilitate browsing on mobile devices. The new site is more dynamic, easy to maintain and facilitates online payments for subscriptions.

The number of Friends of the Facebook page “Hong Kong Meteorological Society 香港氣象學會 - weather & climate” has continued to increase.

Heywood Young Scientists Award and Zhu Kezhen Prize

The Outstanding Educational Projects (E-Prize) under the HKMetS Heywood Young Scientist Award Scheme was awarded to Christian Alliance Cheng Wing Gee College (宣道會鄭榮之中學) with the most outstanding project in the “Ultra-violet (UV) Radiation Detector Meter Design Competition”.

Invitation letters for nominations on the Zhu Kezhen Prize would be sent to tertiary institutions in Hong Kong.

IV. Looking Ahead

In the coming year, we will continue to: (a) organize local or world-wide competitions, public lectures and other public engagement activities to promote climate change, extreme weather awareness and preparedness; (b) continue to make good use of the Heywood Young Scientists Award to promote meteorology and related subjects’ research and educational activities in Hong Kong; (c) extend collaboration with local and overseas meteorology and climate related societies and institutes (e.g. Met Societies in Mainland and Taiwan, and other regional Met Societies); (d) further promote the Society’s activities by increasing collaboration and synergy with existing and new partners (e.g. Co-WIN, MoCC, Friends of the Observatory, Youth Hong Kong, Hong Kong Institute of Science, The Academy of Sciences of Hong Kong, etc), recruiting more student members, further developing the Facebook page (noting in particular HKO’s plan to launch official Facebook page in 2018), etc. More efforts will particularly be made to engage the youth community; (e) organize a few visits/trips to familiarize with other societies/organizations.

We will continue to keep in view of other potential sponsors and donors with common interests to support the Society’s activities.

V. Acknowledgements

The Society wishes to express its sincere thanks to Heywood’s family and Dr BY Lee for their generous donations of Heywood Fund to the Society.

CM Shun
Chairman

21 December 2018