

**ANNUAL REPORT  
2016 - 2017**

**I. Office bearers for the session 2016 - 2017**

The following members served on the committee for the session 2016 – 2017:

Chairman	Mr SHUN Chi-ming Hong Kong Observatory
Vice Chairman	Dr LI Ping-wah Hong Kong Observatory
Hon Secretary	Mr Terence KUNG Hong Kong Observatory
Hon Treasurer	Dr David LAM Hok-yin Hong Kong Observatory
Committee Members	Mr Clarence FONG Chi-kong Weather Underground of Hong Kong  Dr LAM Ka-se Hong Kong Polytechnic University  Dr Alexis LAU Kai-hon Hong Kong University of Science and Technology  Dr LAU Ngar Cheung, Gabriel Chinese University of Hong Kong  Mr LEUNG Wing Mo Hong Kong Polytechnic University  Mr Cliff LO Community Weather Information Network  Dr NG Cho-nam University of Hong Kong  Dr Edward NG Yan-yung Chinese University of Hong Kong  Dr Wen ZHOU City University of Hong Kong

The Society also benefited from the service of:

Honorary Auditor Ms Eunice LEE

Honorary Legal Advisor Ms Venus CHOY

## II. Membership

As of 30 November 2017, the membership register included 6 Honorary Members, 114 Fellows, 44 Full Members, 50 Student Members and 11 Corresponding Members, making a total of 219 members.

## III. Review of the year

### Activities

A Popular Meteorological Science Lecture Series with the theme “Understanding Clouds” synchronized with WMO’s World Meteorological Day in 2017, was organized on 4 November 2017 afternoon in collaboration with the Hong Kong Science Museum. It was then followed by a Popular Science Talk for Teens on "Understanding Clouds – Clouds Classification and International Cloud Atlas" in that evening in collaboration with the Hong Kong Central Library. The details are as follows:

Title	Speaker
Clouds Classification - International Cloud Atlas	Mr TAM Kwong-hung Senior Scientific Officer The Hong Kong Observatory
Clouds and Water Cycle	Dr LI Jian-feng Assistant Professor, Geography Department Hong Kong Baptist University
Clouds and Climate Change	Mr TONG Hang-wai Scientific Officer The Hong Kong Observatory
Understanding Clouds - Clouds Classification and International Cloud Atlas	Mr TAM Kwong-hung Senior Scientific Officer The Hong Kong Observatory

The lecture series was well received with a total of over 600 participants.

The Society jointly organized with the University of Hong Kong and the HKO on the “Earthquake Detector Design Competition” since mid-2016. The competition attracted over 450 participants from primary, secondary and international schools ranging from Primary 4 to Secondary 6. The Project Exhibition, Judging and Award Presentation of the competition was held successfully on 6 May 2017 at the TsimShaTsui Kai Fong Welfare Association.

The Society further 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. Three lectures on UV physics and detection as well as data analysis and application were provided respectively at HKO and HKU. The Project is on-going until May 2018. Details could be found at <http://i.cs.hku.hk/~uv/Index-English.php>.

The Society co-organized with the Ho Koon Nature Education cum Astronomical Centre, the Hong Kong Observatory, the Community Weather Information Network the 3<sup>rd</sup> Weather Observation and Investigative Study Competition to arouse students’ interests in weather and climate and to enhance their knowledge and awareness in climate change impact to Hong Kong. The competition included lectures, field study, report written, video taking, talk shows as well as presentations. More than 40 local schools participated in the competition ([http://www.hokoon.edu.hk/Competitions/Weather2017/bi\\_sai\\_xiang\\_qing.html](http://www.hokoon.edu.hk/Competitions/Weather2017/bi_sai_xiang_qing.html)).

A trip to visit the typhoon disasters sites near Shantou was organized on 14-15 April 2017.

A trip to visit Taiwan Central Weather Bureau and Civil Aeronautics Administration on 16 Sep 2017 was organized to learn about their weather and earthquake operations, and aeronautical meteorological matters including dropsonde. Meanwhile, matters regarding meteorological and earthquake data exchange as well as Typhoon model training via the Society were also explored.

Mr Leung Wing-mo spoke in several media interviews on behalf of the Society on climate change and miscellaneous weather events including very hot weather. Dr PW Li was invited to speak on a TV talk show on behalf of the Society on typhoons affected Hong Kong, notably Super Typhoon Hato and Severe Tropical Storm Pakhar as well as the most impacting typhoons since the Observatory’s records began.

Chairman Mr CM Shun was invited to join the Executive Committee of the Hong Kong Institute of Science. He was also invited to deliver a well-received talk on “人定勝天？台長談逆境自強、「天鵠」的啟示” (做台長有得揀?) during the “Scientist – The Way to my Future Exhibition” organized by the by the Academy of Sciences of Hong Kong. Meanwhile, he was also invited to participate in the mentorship programme for the Academy.

### **Society Bulletin and Proceedings**

Vol. 24 (2014) has been published. A special issue on the 5th Conference on East Asia and Western Pacific Meteorology and Climate cum the 25th Anniversary of the Society held in 2013 is 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**

There was one entry for R-prize of the Heywood Young Scientists Award 2017. The R-Prize Award Panel endorsed the award of the R-prize to Dr Li Jianfeng of the Hong Kong Baptist University for his research paper titled “Future changes in floods and water availability across China: Linkage with changing climate and uncertainties” published in Journal of Hydrometeorology. The “Ultra-violet (UV) Radiation Detector Meter Design Competition” now undergoing has been selected to join the E-Prize of the Heywood Young Scientists Award 2018.

There were five entries for the Zhu Ke-zhen Prize 2016. Mr Biyen Chen of the Hong Kong Polytechnic University was awarded the winner. Topic of his paper is “Global water vapor variability and trend from the latest 36 year (1979 to 2014) data of ECMWF and NCEP reanalyses, radiosonde, GPS, and microwave satellite” and the paper was published in Journal of Geophysical Research.

#### **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 both local and overseas (Met Societies in Mainland and Taiwan, and other regional Met Societies); (d) further promoting 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. Mr Clarence Fong and Dr PW Li will step down from their positions for personal reasons. The Society would like to express sincerely thanks to their contributions to the Society in the past years.

CM Shun  
Chairman

8 December 2017