

Opening Ceremony of Exhibition “Monitoring Hong Kong's Urban Heat Island” in Hong Kong Science Museum

Opening ceremony of exhibition titled “Monitoring Hong Kong's Urban Heat Island” was held on 27 June 2014 in Hong Kong Science Museum. Professor Janet Elizabeth NICHOL and her research team, Department of Land Surveying and Geo-Informatics (LSGI), who have been monitoring Hong Kong's urban heat island effect using satellite and aerial images for over a decade, provided information and findings for the exhibition.

The officiating guests of the ceremony included Mr. LAI, Sau Tak, Edwin, Assistant Director of HK Observatory, Professor Xiao-li DING, Head of Department, The Department of Land Surveying and Geo-Informatics, The Hong Kong Polytechnic University, Professor Janet Elizabeth NICHOL, The Department of Land Surveying and Geo-Informatics, The Hong Kong Polytechnic University, Professor YEUNG, Yau Yuen, Professor and Associate Head, Department of Science and Environmental Studies, The Hong Kong Institute of Education (Expert Advisor of Hong Kong Science Museum) and Ms. SIT Man, Karen, Acting Chief Curator, Hong Kong Science Museum.

The exhibition aims to help the public get the insight into the temperature in Hong Kong's urban areas with the findings on Hong Kong's "urban heat island effect" and make predictions about the city's future temperature, as well as on global warming trends. For instance, an overview of temperatures across Hong Kong is obtained from the thermal satellite images captured on hot summer days and nights. By conducting helicopter-borne thermography, 3-dimensional thermal models is developed which can help indicate how different building design, materials and planning practices affect the formation of the urban heat island.

The exhibition is now open until 31 December 2014 at Science News Corner of the Hong Kong Science Museum which is an information centre for exhibiting scientific research projects of local universities, new discoveries and the latest technologies.



Officiating guests hosted the opening ceremony at the Science News Corner of Hong Kong Science Museum.



Prof. Nichol guided the exhibition for the guests and visitors.