

## WORKSHOP ON MONSOONS AND WEATHER EXTREMES

Malaysian Meteorological Department, Petaling Jaya

9 March 2016

The Workshop on Monsoons and Weather Extremes was jointly organised by Malaysian Meteorological Department (MMD), Universiti Kebangsaan Malaysia's Southeast Asia Disaster Prevention Research Initiative (SEADPRI-UKM), Asian Network on Climate Science and Technology (ANCST), City University of Hong Kong and Indian Institute of Science (IISc) Bangalore. It was held on 9 March 2016 at MMD in Petaling Jaya, Malaysia. The purpose of the workshop was to provide a platform to stimulate discussion on Asian climatic phenomena with respect to the changing climate and extreme conditions as well as chart a pathway forward for scientific collaborations.

This workshop was a sequel of the ANCST Workshop on Atmosphere-Ocean Interactions in the Indo-Pacific Basin and Their Impact on Asian Climate, held on 25-26 November 2014 which concluded on a need for a climate scientist research group focusing on Asian climatic phenomena related to the oceans of South and Southeast Asia as well as atmospheric-ocean interactions. Such a group aims to facilitate the exchange of scientific information on changing climate and extreme conditions to communities and governments.

The programme commenced with opening remarks by Director General, Malaysian Meteorological Department. This was followed by four technical paper presentations by prominent experts involved Professor Lord Julian Hunt of University of Cambridge, Professor Johnny Chan of City University of Hong Kong, Professor P. N. Vinayachandran of Indian Institute of Science Bangalore and Dr. Liew Juneng of Universiti Kebangsaan Malaysia. Local and regional experts as well as decision-makers were involved in the workshop and provided inputs on future plans and roadmaps toward improved understanding on weather and climate extremes in the tropics. Mr. Helmi Abdullah, Director of the Research & Technical Development Division, Malaysian Meteorological Department led the discussion and closed the session.

### PROGRAMME

- 1430 **Opening Remarks**  
Dato' Che Gayah Ismail  
*Director General, Department of Meteorology Malaysia*
- 1445 **Topic 1: Multi scale Extreme Climate, Weather and data variability, especially in the tropics**  
*Professor Lord Julian Hunt, MCSC University of Cambridge*
- 1515 **Topic 2: Diurnal and Semi-diurnal Variations in Summer Rainfall over Southeast China: Observations and Modelling Results**  
*Professor Johnny Chan, City University of Hong Kong*
- 1545 **Topic 3: Ocean beneath a Hole in the Monsoon**  
*Professor P. N. Vinayachandran, Centre for Atmospheric and Oceanic Sciences, Indian Institute of Science Bangalore*
- 1615 **Topic 4: Climate and Variability of the Monsoons**  
*Dr. Liew Juneng  
Universiti Kebangsaan Malaysia*
- 1645 **Discussion Session**  
*Chaired by Mr. Helmi Abdullah, Director, Research & Technical Development Division, MetMalaysia*
- 1730 **Closing and Refreshment**