

# Workshop on Extreme Weather & Flood: Preliminary Investigation on the Recent Flood in the East Coast of Malaysia

**Date:** 27<sup>th</sup> February 2015  
**Time:** 8.30 am – 5.00 pm  
**Venue:** Angerik Room, Level 3, IPS Building, University of Malaya

Jointly organised by:



We are happy to announce that the Institute of Ocean and Earth Sciences (IOES), University of Malaya will be organizing a *Workshop on Extreme Weather & Flood: Preliminary Investigation on the Recent Flood in the East Coast of Malaysia*. This workshop is jointly organised with the Malaysian Meteorological Department (MMD), National Hydraulic Research Institute of Malaysia (NAHRIM), Department of Irrigation and Drainage Malaysia and Academy of Sciences Malaysia (ASM). The workshop is scheduled to be held on 27 February 2015 at the University of Malaya.

In December 2014, the east coast of Peninsular Malaysia experienced a non-stop downpour of torrential monsoon rain. The rain resulted in extensive flooding, destroying buildings, roads, houses and losses of life. This workshop will gather scientists, environmentalists and policy makers to exchange information and discuss the process and mechanism of the extreme flood events. We also hope that the workshop can identify research priorities for funding to improve the skill of forecasting extreme weather and flooding; and identify the knowledge and technological gaps that have to be undertaken.

The objectives of the workshop are as follows:

- i. To provide a platform to discuss scientific issues related to the December 2014 extreme flooding.
- ii. To discuss how forecasting skill can be improved to predict flooding.
- iii. To find the best practices to mitigate the impact of extreme flooding.

## Invited Speakers

### **Dr. Mohd Hisham Mohd Anip,**

Senior Meteorological Officer, National Weather Centre,  
Malaysia Meteorological Department (MMD)

Presentation title: The Observation & Forecast of Heavy Rainfall Episodes during 2014/2015 Winter Monsoon Season

### **Mr Kumarenthiran Subramaniam,**

Meteorological Officer, Climate and Weather Model Development Section, Malaysian Meteorological Department (MMD)

Presentation title: WRF Model Evaluation during the 2014/2015 Northeast Monsoon Heavy Rainfall Episodes

**Mdm. Paridah Anun Bt. Tahir,**  
Deputy Director, Water Resources Management & Hydrology,  
Department of Irrigation and Drainage Malaysia (JPS)  
Presentation title: Flood Situation in Malaysia

**Mr. Ir. Mohd Zaki Bin Mat Amin,**  
Director, Water Resources and Climate Change Research Centre, National Hydraulic Research Institute of  
Malaysia (NAHRIM)

**Dr. Abolghasem Akbari,**  
Senior Lecturer, Faculty of Civil Engineering & Earth Resources, University Malaysia Pahang  
Presentation title: The Watershed Delineation and Flood Simulation Process for Klang River Basin using  
HEC-GeoHMS and HEC-HMS

**Dr. Edlic Sathiamurthy,**  
Senior Lecturer, School of Marine Science and Environment, University Malaysia Terengganu (UMT)

**Professor Dr. Zulkifli Yusop FASc,**  
Dean of Research, Water Research Alliance, Universiti Teknologi Malaysia (UTM)

#### **Tentative Programme:**

- 08.00 - 08.30 Arrival of participants / Registration  
08.30 - 09.00 Opening Ceremony  
09.00 - 10.30 Scientific Session I  
10.30 - 10.45 Refreshment  
10.45 - 12.45 Scientific Session II  
12.45 - 14.45 Lunch  
14.45 - 15.45 Panel Discussion:  
**Scientific and technological gap needed to provide better forecasting and mitigation of flooding.**  
Chaired by Professor Dato' Dr Azizan Abu Samah,  
Deputy Director, Institute of Ocean and Earth Sciences (IOES),  
University of Malaya  
15.45 - 16.00 Closing Ceremony

**REGISTER NOW**

Kindly send your registration form via e-mail or fax to:

**Workshop on Extreme Weather & Flood Secretariat**

Institute of Ocean and Earth Sciences, University of Malaya, 50603 Kuala Lumpur  
Tel: 00 603 – 7967 4640 Fax: 00 603 – 79676994 Email: admin.ioes@um.edu.my  
Registration Fees: RM50 per person

For further information, please contact us / Mdm Fadhilah Bt Mohd Khalid at  
Tel:603-7967 4640 Fax:603-79676994 or Email: admin.ioes@um.edu.my