

DISASTER MANAGEMENT & RELATED ISSUES



INVITATION

It gives us a great pleasure to invite you to a Research Workshop on the topic of “Disaster Management and Related Issues”. The half-day workshop will be held on the 21st March 2016 at Universiti Teknologi Malaysia (UTM), Johor Bahru, Malaysia. The workshop is jointly organised by the Centre for Environmental Sustainability and Water Security (IPASA) and Faculty of Civil Engineering, UTM, Australian Academy of Sciences and Australian High Commission, Kuala Lumpur and Malaysian Association of Risk and Insurance Management (MARIM). The workshop aims at bringing together practitioners, scientists and researchers in a knowledge sharing session in the area of Disaster Management.

EVENT



**VENUE : INSTITUTE OF BIOPRODUCT DEVELOPMENT,
UNIVERSITI TEKNOLOGI MALAYSIA
JOHOR BAHRU CAMPUS**

DATE : 21 MARCH 2016

TIME : 08.30 A.M. - 01.00 P.M.

WORKSHOP SECRETARIAT

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Research Institute for Sustainable Environment
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To register for the workshop, please contact the secretariat through telephone or email.



Prof. Dr. Zulkifli Yusop
Dean of Resource Sustainability Research Alliance, UTM



Dr. Richard Peter Thornton
Chief Executive Officer of the Bushfire and Natural Hazards CRC, Australia



Mr. Martin Frank Wehener
Structural Engineer, Geoscience Australia

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TENTATIVE:

- 0.800 - 09.00 a.m. : Registration
(Venue: Institute of Bioproduct Development, UTM, Johor Bahru)
- 09.00 - 09.15 a.m. : Opening
- 09.15 - 10.00 a.m. : **Speaker 1 – “Hydrological and Land Uses Perspective of the 2014 Flood in Peninsular Malaysia”**
Prof. Dr. Zulkifli Yusop, Dean of Resource Sustainability Research Alliance, UTM
- 10.00 - 10.30 a.m. : Tea Break
- 10.30 - 11.15 a.m. : **Speaker 2 – “Flood and Natural Hazards Research in Australia”**
Dr. Richard Thornton, Chief Executive Officer of the Bushfire and Natural Hazards CRC, Australia
Dr. Thornton will discuss the nature of the problem resulting from natural hazards (including flood, fire, tsunami, earthquake and cyclone) in Australia and the impact that they have economically and in human terms. The talk will then draw on the approach that is being taken in Australia to co-ordinate the national response to hazards including flood risk. He will discuss on the formation and activities of the National Bushfire and Natural Hazards Co-operative Research Centre. The talk will also discuss the importance of a multi-disciplinary, multi-hazard approach in addressing the complex issues of disaster risk reduction. The talk will finish by discussing the way in which the Bushfire and Natural Hazards CRC can help with the networking between Malaysia and the research and emergency management communities in Australia.
- 11.15 a.m. - 12.00 p.m. : **Speaker 3 – “Disaster Risk Reduction”**
Dr. Martin Frank Wehner, Structural Engineer, Geo-science Australia
Dr. Wehner will discuss Geoscience Australia’s research in Disaster Risk Reduction (DRR) under the agency’s Community Safety value stream. He will describe how they are approaching DRR using a framework that combines hazard, asset exposure and susceptibility. In particular he will show how they apply the framework to flood risk, and its reduction, with an emphasis on model-ling the vulnerability of the built environment to flood. His talk will include examples from Australia and also from Geoscience Australia’s work with regional countries. Geoscience Australia is an Australian Government listed entity within the Industry, Innovation and Science portfolio. In the flood risk reduction field, it is lead researcher for the Bushfire and Natural Hazard CRC (BNHCRC) project, “Cost Effective Mitigation Strategy Development for Building related Flood Risk.
- 12.00 - 1.00 p.m. : Q&A Session