

## Acknowledgement

- ◇ Academy of Sciences Malaysia
- ◇ Asian Network on Climate Science and Technology (ANCST)
- ◇ Institute for Environment and Development (LESTARI), UKM

### About SEADPRI-UKM

Universiti Kebangsaan Malaysia's Southeast Asia Disaster Prevention Research Initiative (SEADPRI-UKM) has been in operation since June 2008. The Centre addresses crucial challenges on disaster risk reduction in Malaysia and the region. The research focus is on climatic hazards, geological hazards and technological hazards, with emphasis on capacity building, mainly through post-graduate programmes and specialised training. Transdisciplinary research conducted in the Centre bridges the science-governance interface and provides pathways for disaster prevention. SEADPRI-UKM coordinates the Asian Network on Climate Science and Technology (ANCST) funded by the Cambridge Malaysian Education and Development Trust, to link disaster risk reduction and climate change for building resilience in the region.

### About ASM DRR Research Alliance

The ASM Disaster Risk Reduction Research Alliance Committee (ASM DRR Research Alliance) was approved at the 57<sup>th</sup> EXCO Meeting of the Academy of Sciences Malaysia on 1 August 2017. The purpose of the DRR Research Alliance is to support the scientific community in Malaysia by convening the National Conference on Science, Technology and Innovation for DRR in conjunction with the National Disaster Management Agency (NADMA) of the Prime Minister's Department, and serving as the platform to bring together key researchers and other stakeholders in DRR to conduct flagship initiative led by ASM.

Southeast Asia Disaster Prevention Research Initiative (SEADPRI-UKM)  
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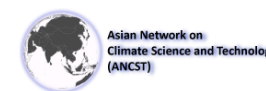
## SEADPRI Forum 2019 @ ASM



### The Special IPCC Report on 1.5°C: Implications for Southeast Asia

- Speaker : Prof. Mark Howden  
Australian National University
- Date : 25 April 2019 (Thursday)
- Time : 8.30 am – 1.00 pm
- Venue : Academy of Sciences Malaysia,  
MATRADE Tower, Kuala Lumpur

#### ORGANISERS:



## The Forum

The SEADPRI Forum is an annual flagship event of the Southeast Asia Disaster Prevention Research Initiative of Universiti Kebangsaan Malaysia (SEADPRI-UKM). The Forum provides a platform for prestigious speakers to share their insights on the latest issue of relevance to disaster prevention, risk reduction and management. The purpose is to foster understanding and strengthen linkages between researchers, practitioners and policy makers in thematic areas of disaster risk reduction including vulnerability of communities, education and awareness as well as governance for human security and sustainability. Since its initiation, the following SEADPRI Forums have been held:

- **Hospitals Save from Disasters**, held on 6 April 2009 and led by Prof. Ted Herbosa of the Philippines.
- **Climate Change Adaptation and Spatial Planning**, held on 5 Jan 2010 and led by Dr. Philipp Schmidt-Thomé of the Geological Survey of Finland.
- **Climate, Environment and Development in Southeast Asia: Priorities and Challenges**, held on 29 September 2011 conducted by Dr. Raman Letchumanan, formerly of the ASEAN Secretariat.
- **Advancing Disaster Prevention: Climate Change, Science and Policies**, held on 14 May 2012 and led by Prof. Lord Julian Hunt of University of Cambridge.
- **Disaster Prevention and ISO 31000:2009 Risk Management**, held on 15 March 2013, led by Prof. Dato' Dr. Hj. Mohd Rasid Hussin, formerly of Universiti Utara Malaysia (UUM) College of Business.
- **Pemantapan Pengurangan Risiko dan Bencana Negara: Pengalaman Dua Dekad**, held on 16 December 2014 conducted by YBhg. Datuk Che Moin bin Umar, Honorary Fellow of SEADPRI-UKM.
- **Sendai Framework for Disaster Risk Reduction: Implications for Urban Resilience, Private Sector and Science & Technology**, held on 21 August 2015 and led by Prof. Dr. Rajib Shaw of Keio University, Japan.
- **Insurance for Disaster Risk Reduction and Climate Adaptation: Challenges and Opportunities**, held on 6 October 2016, led by Dr. S.V.R.K. Prabhakar of Institute for Global Environmental Strategies (IGES), Japan.
- **Flood Modelling for Insurers: From Data to Decision**, held on 7 November 2017, conducted by Dr. Iain Willis and Dr. Ian Millinship of JBA Risk Management, Singapore.
- **Typhoon Risk Assessment for Coastal Cities**, held on 14 May 2018, delivered by Prof. Johnny Chan of City University of Hong Kong.

## Programme

- 8.30 am Registration & Morning Coffee**
- 9.00 am Welcoming Remarks**  
*Assoc. Prof. Dr. Sarah Aziz Abdul Ghani Aziz*  
*Chair, SEADPRI-UKM*
- 9.10 am Opening Remarks**  
*Pn. Hazami Habib*  
*CEO, Academy of Sciences Malaysia*
- 9.20 am Presentation by**  
*Prof. Mark Howden*  
*Director, Climate Change Institute*  
*Australian National University*
- 11.30 am Discussion Session**
- 12.30 pm Closing Remarks**
- 1.00 pm Adjourn & Lunch**

## About the Speaker



**Prof. Mark Howden**  
*Director*  
*Climate Change Institute*  
*Australian National University*

Prof. Mark Howden is Director of the Climate Change Institute at the Australian National University, an Honorary Professor at Melbourne University, a Vice Chair of the Intergovernmental Panel on Climate Change (IPCC) and a member of the Australian National Climate Science Advisory Committee. He was on the US Federal Advisory Committee for the Third National Climate Assessment and contributes to several major national and international science and policy advisory bodies. Prof. Mark has worked on climate variability, climate change, innovation and adoption issues for over 30 years in partnership with many industry, community and policy groups via both research and science-policy roles. Issues he has addressed include agriculture and food security, the natural resource base, ecosystems and biodiversity, energy, water and urban systems. He helped develop both the national and international greenhouse gas inventories that are a fundamental part of the Paris Agreement and has assessed sustainable ways to reduce emissions. He has been a major contributor to the IPCC since 1991, sharing the 2007 Nobel Peace Prize with other IPCC contributors and Al Gore.