

REGIONAL SCIENCE POLICY DIALOGUE: SCIENCE, TECHNOLOGY AND INNOVATION FOR BRIDGING DISASTER RISK REDUCTION AND CLIMATE CHANGE ADAPTATION

16 November 2017

The Everly Hotel, Putrajaya



*The high tide phenomenon in North Malaysia on October 16, 2017.
Photo by The Star Online.*

Organising Partners:



INTRODUCTION

The links between disaster risk reduction (DRR) and climate change adaptation (CCA) has been comprehensively assessed by the Intergovernmental Panel on Climate Change (IPCC). Both DRR and CCA are place-based and context specific. According to the IPCC "...A first step towards adaptation to future climate change is reducing vulnerability and exposure to present climate variability". Synergies between DRR, CCA and development can be promoted through integration into planning, policy design and decision-making. A critical element for promoting such synergy is strengthened institutions as well as coordination and cooperation in governance.

Climate change calls for increased need to implement DRR and CCA options in conjunction with diverse potential and approaches depending on their context. Science, technology and innovation underpin DRR and CCA measures and in conjunction with public-private participation, there is greater potential for effective actions within wider strategic goals and development plans.

There are multiple approaches for managing risks of disaster and climate change that could be pursued simultaneously and these are generally overlapping rather than discrete. Examples include early warning systems, hazard and vulnerability mapping, diversifying water resources, improved drainage, building codes and practices, storm and wastewater management as well as laws and financing mechanisms that support disaster risk planning, management and preparedness, among others.



OBJECTIVE

The Regional Science-Policy Dialogue is convened by the Asian Network on Climate Science and Technology (ANCST), UNISDR Asia Science Technology Academia Advisory Group (ASTAAG), Asia-Pacific Network for Global Change Research (APN) and International Council for Science Regional Office for Asia and the Pacific (ICSU-ROAP) in conjunction with the National Disaster Management Agency (NADMA), Ministry of Natural Resources and Environment (NRE), Academy of Sciences Malaysia (ASM), Malaysia Meteorological Department (MMD) and Universiti Kebangsaan Malaysia's Southeast Asia Disaster Prevention Research Initiative, the IRDR International Centre of Excellence for Disaster Risk and Climate Extremes (ICoE-SEADPRI-UKM). Members of the Newton-Ungku Omar Fund (NUOF) Project on Disaster Resilient Cities under the aegis of the Science to Action (S2A) initiative are also involved in the Dialogue. The purpose of the Dialogue is to discuss the needs of the region for innovative science products and services that could advance climate change adaptation through disaster risk reduction. The future plans of various regional institutions and the potential for private-public partnerships will also be deliberated in this context.

EXPECTED OUTCOME

The findings of the Dialogue will be documented and disseminated to multiple end-users in the region. It will also serve as the basis for formulating future plans on advancing science, technology and innovation that supports both DRR and CCA in conjunction with public-private participation. The report will also be made available on the website of ANCST [<http://www.ancst.org/>].

PROGRAMME

0800 – 0900	REGISTRATION
0900 – 0930	OPENING REMARKS <ul style="list-style-type: none"> • Dato’ Abd. Rashid Harun Director General National Disaster Management Agency Malaysia (NADMA) • Professor Lord Julian Hunt University of Cambridge Director of Asian Network on Climate Science and Technology (ANCST)
0930 – 1000	KEYNOTE ADDRESS Professor Datuk Mazlan Othman Director International Council for Science Regional Office for Asia and the Pacific (ICSU – ROAP)
1000 – 1030	COFFEE BREAK
1030 - 1300	SESSION 1: PERSPECTIVES ON BRIDGING DRR AND CCA Moderators: Assoc. Professor Dr. Sarah Aziz Abdul Ghani Aziz (SEADPRI-UKM) & Professor Lord Julian Hunt (University of Cambridge) <ul style="list-style-type: none"> • Professor Rajib Shaw, Keio University, Japan • Ms. Antonia Yulo Loyzaga, Manila Observatory, the Philippines • Dr. Takako Izumi, Tohoku University, Japan • Professor Johnny Chan, City University of Hong Kong • Professor Manju Mohan, India Institute of Technology, New Delhi • Dr. Kavintheran Thambiratnam, Malaysia DRR Services Association
1300 – 1400	LUNCH BREAK
1400 – 1600	SESSION 2: EXPERIENCES IN BRIDGING DRR AND CCA Moderators: Professor Manju Mohan (India Institute of Technology, New Delhi) & Professor Johnny Chan (City University of Hong Kong) <ul style="list-style-type: none"> • Dr. Sugeng Triutomo, DRR Indonesia Foundation • Mr. Mohd Ariff Baharom, National Disaster Management Agency Malaysia • Professor Vinod K. Sharma, Indian Institute of Public Administration • Professor Alfredo Mahar Lagmay, University of the Philippines Diliman
1600 – 1630	TEA BREAK
1630 – 1730	SESSION 3: APN INITIATIVES ON BRIDGING DRR AND CCA FOR SLOW ONSET HAZARDS Moderators: Mr. Muhammad Helmi Abdullah (Malaysia Meteorological Department & APN National Focal Point) & Professor Rajib Shaw (Keio University, Japan) <ul style="list-style-type: none"> • Professor Joy Jacqueline Pereira, SEADPRI-Universiti Kebangsaan Malaysia • Dr. Chhinh Nyda, Royal University of Phnom Penh • Dr. Lorena L. Sabino, University of the Philippines Los Banos • Mr. Tran Dinh Trong, Vietnam Institute of Meteorology, Hydrology and Climate Change
1730 – 1745	CLOSING AND END OF DIALOGUE

If you are interested in joining ANCST, contact the ANCST Secretariat or visit our web portal for further information.

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