

**5th ANCST Workshop on
Science and Technology for
Climate and Disaster Resilience**

WORKSHOP ON CLIMATE CHANGE AND DISASTER RESILIENCE - POST SENDAI 2015

16-17 October 2015, Hotel Jen Manila, The Philippines

Conveners:

*Prof. Juan M. Pulhin & Prof. Alfredo Lagmay (The Philippines)
& Prof. Rajib Shaw (Japan)*



Source: Google



Asian Network on
Climate Science and Technology
(ANCST)

APN
ASIA-PACIFIC NETWORK FOR
GLOBAL CHANGE RESEARCH



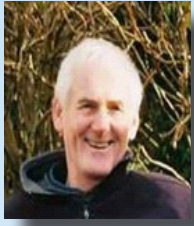
seadpri
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IGES
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MESSAGE FROM ANCST



Professor Lord Julian Hunt
Trinity College, Cambridge

The Cambridge Malaysian Education and Development Trust (CMEDT) and Malaysian Commonwealth Studies Centre (MCSC) funded the establishment of the Asian Network on Climate Science and Technology (ANCST) in 2013 to facilitate collaboration and exchange of information between researchers engaged in scientific and technological aspects of climate science, climate change, natural disasters, as well as associated impacts and adaptation specific to Asian conditions and phenomena. Universiti Kebangsaan Malaysia's Southeast Asia Disaster Prevention Initiative (SEADPRI-UKM) serves as the main coordination centre of ANCST, in conjunction with principal partners the Advisory Committee on Protection of the Sea (ACOPS), the Guy Carpenter Asia-Pacific Climate Impact Centre, City University of Hong Kong and the Indian Institute of Science, Bengaluru.

The structure of ANCST comprises (i) an International Steering Committee responsible for programmes, outreach, funding and collaboration with other networks; (ii) a high level Scientific Advisory Committee that provides advice on programmes primarily through virtual meetings; (iii) a Local Administrative Committee comprising principal partners to document and report progress; (iv) self-organised Special Topic Groups; and (v) country or region specific platforms. Membership of ANCST comprises Institutional Members and Individual Members working on Asian issues.

Special Topic Groups are the core of ANCST at the regional level. They are composed of ANCST members forming an international committee and working together on a clearly defined specific topic related to climate science and technology. Special Topic Groups of ANCST that have been established and are being planned cover topics such as disaster prevention and climate resilience, climate change mitigation, carbon sequestration and low carbon economy, atmosphere-ocean interactions, urban climate change and resilience, climatic hazards and heritage areas, extreme flooding events as well as climate and biodiversity.

The Workshop on Climate Change and Disaster Resilience – Post Sendai 2015 is convened by three prominent members of the ANSCT Special Topic Disaster Prevention and Climate Resilience. They are Prof. Juan Pulhin & Prof. Alfredo Lagmay of The Philippines and Prof. Rajib Shaw of Japan, who is coordinator of the Special Topic. The purpose of the Workshop is to get an overview of prospects of development of science and technology for meeting continuing and future demands of climate and disaster resilience in the region. The workshop also seeks to review the various approaches in disaster risk reduction and climate change adaptation, with a view to identify pathways for their integration in implementation. Findings of the workshop will feed into various platforms; to ASEAN through the ASEAN-India Green Fund Project led by Professor Joy Pereira SEADPRI-Universiti Kebangsaan Malaysia and Profesoor N.H. Ravindranath of the Indian Institute of Science, Bengaluru, and also to the UN ISDR Asia Pacific office via the recently established Asia Science Technology and Academia Advisory Group (ASTAAG) co-chaired by Professor Rajib Shaw of Kyoto University, Japan.

On behalf of the Directors of ANCST, I would like to express my appreciation to members of the Special Topic Group for convening this workshop. I also acknowledge the Asia Pacific Network for Global Change (APN), University of The Philippines Los Banõs, University of The Philippines Diliman, University of Kyoto, and partners for their strong support in making the Workshop a reality. Last but not least, I thank the ASEAN Member States and the Government of India for willing to work with us in developing a strong network of experts in climate change adaptation, who can then collaborate to build capacity and make the region resilient to climate change. I wish you all a productive and successful discussion.

PROGRAMME

16 OCTOBER 2015 (FRIDAY)	
0830 - 0900	REGISTRATION
OPENING SESSION	
0900 - 0930	WELCOME REMARKS <i>Prof. Lord Julian Hunt, Director of ANCST, University of Cambridge</i>
	OFFICIAL OPENING <i>Hon. Mario Montejo, Secretary, Department of Science and Technology</i>

PROGRAMME

SESSION 1: PERSPECTIVES ON SCIENCE AND TECHNOLOGY FOR CLIMATE AND DISASTER RESILIENCE	
<i>Moderators: Prof. Juan Pulhin & Prof. Joy Jacqueline Pereira</i>	
0930 - 1030	<ul style="list-style-type: none"> Keynote 1: Science, Technology and Academia for Disaster Risk Reduction in Asia <i>Prof. Rajib Shaw, Kyoto University, Japan.</i> Keynote 2: Science and Technology Needs for Climate Change Adaptation in Asia <i>Prof. N.H. Ravindranath, Indian Institute of Science, Bengaluru, India.</i>
1030 - 1100	COFFEE BREAK
1100 - 1200	<ul style="list-style-type: none"> Science to Action-The Malaysian Experience, <i>Dr. T. Kavintheran, Malaysian Industry - Government Group for High Technology (MIGHT), Prime Minister's Department.</i> NOAH-Linking Science and Communities, <i>Prof. Alfredo Lagmay, University of the Philippines / DOST-Project NOAH</i> Climate Change Adaptation and DRR in Sikkim State, India, <i>Prof. Vinod Sharma, Indian Institute of Public Administration, New Delhi, India.</i> Modelling of Urban Temperature Perturbations, <i>Dr. Yasemin Aktas & Prof. Lord Julian Hunt, University College London.</i>
1200 - 1230	Plenary Discussion: Science and Technology Needs for Decision Making
1230 - 1400	LUNCH BREAK
SESSION 2: APPROACHES IN DISASTER RISK REDUCTION AND CLIMATE CHANGE ADAPTATION	
<i>Moderators: Prof. Alfredo Lagmay & Prof. N.H. Ravindranath</i>	
1400 - 1500	<ul style="list-style-type: none"> Keynote 3: Integrated Approaches in ASEAN, <i>Dr. Raman Letchumanan, S. Rajaratnam School of International Studies, Nanyang Technological University, Singapore.</i> Keynote 4: Approaches in Loss and Damage Assessments, <i>Dr. S.V.R.K Prabhakar, Institute for Global Environmental Strategies (IGES), Hayama, Japan.</i>
1500 - 1615	<ul style="list-style-type: none"> Disaster Loss Accounting at the Local Level, <i>Prof. Antonio Abamo, Visayas State University Baybay, Leyte, The Philippines.</i> Disaster Loss Accounting, <i>Lenie Alegre, Office of Civil Defense, The Philippines.</i> Disaster Data Management, <i>Joseph Adawe, United Nations Office for the Coordination of Humanitarian Affairs (OCHA).</i> Climate Change Adaptation in Vietnam, <i>Tran Dinh Trong, Vietnam Institute of Meteorology, Hydrology and Climate Change (IMHEN), Vietnam.</i> Climate Change Adaptation in Cambodia, <i>Sothun Nop, Royal University of Phnom Penh, Cambodia.</i>
1615 - 1630	Plenary Discussion: Challenges in Integration and Accounting for Losses
1630 - 1700	TEA BREAK
17 OCTOBER 2015 (SATURDAY)	
SESSION 3: S&T IN DISASTER MANAGEMENT AND CLIMATE CHANGE ADAPTATION	
<i>Moderators: Prof. Rajib Shaw & Prof Lord Julian Hunt</i>	
0900 - 1030	<ul style="list-style-type: none"> Reflections on the Haiyan Experience, <i>Antonia Yulo Loyzaga, Manila Observatory, The Philippines.</i> PPP Pilot Project for CCA after Thailand great flood 2011, <i>Dr. Seree Supratid, Climate Change and Disaster Center, Rangsit University, Thailand.</i> Climate Change Adaptation in India, <i>Indu Krisnamurthy, Indian Institute of Science, Bengaluru, India.</i> National and Local Risk Assessments for Geophysical and Atmospheric Hazards, <i>Mike Ross, Louis Berger Group.</i> Development and Mitigation Strategies in Lembang, Indonesia, <i>Dr. Rezky Khirsrachmansyah, Bogor Agricultural University, Indonesia.</i>
1030 - 1100	COFFEE BREAK
1100 - 1130	<ul style="list-style-type: none"> Science and Technology for Disaster Management, <i>Professor Vinod Sharma, Indian Institute of Public Administration, New Delhi, India.</i> Science and Technology in Association of Pacific Rim Universities (APRU), <i>Dr. Takako Izumi, Tohoku University, Japan.</i>
1130 - 1230	Plenary Discussion: Science and Technology Needs for Post-Sendai 2015
1230 - 1400	Closing and Lunch Break
1400 - 1600	Business Meeting of APN Project Members (by invitation only)

ACKNOWLEDGEMENT

ASIAN NETWORK ON CLIMATE SCIENCE AND TECHNOLOGY (ANCST)

ASIA-PACIFIC NETWORK FOR GLOBAL CHANGE RESEARCH (APN)

**SOUTHEAST ASIA DISASTER PREVENTION RESEARCH INITIATIVE (SEADPRI-UKM)
UNIVERSITI KEBANGSAAN MALAYSIA**

ASEAN SECRETARIAT

INDIAN INSTITUTE OF SCIENCE, BENGALURU

UNIVERSITY OF THE PHILIPPINES LOS BANOS

UNIVERSITY OF THE PHILIPPINES DILIMAN

KYOTO UNIVERSITY, JAPAN

INSTITUTE FOR GLOBAL ENVIRONMENTAL STRATEGIES (IGES), JAPAN

FURTHER INFORMATION

For further information, please contact the ANCST Secretariat as follows:-

Ms. Syarnissa Dahuri

Communications Manager

Asian Network on Climate Science and Technology (ANCST)

SEADPRI-Universiti Kebangsaan Malaysia

Phone: +6 03-89214852 | Mobile: +6 013-3132211 | Email: syarnissa@gmail.com | Website: ancst.org