SEADPRI Forum 2021: Risk Science for Resilient Cities – From Concept to Action
1700 – 1900 (GMT+8), 7 May 2021 (Friday)
Pre-session of 2021 IRDR Conference

INTRODUCTION

The SEADPRI Forum is an annual flagship event of Universiti Kebangsaan Malaysia's Southeast Asia Disaster Prevention Research Initiative, an IRDR International Centre of Excellence on Disaster Risks and Climate Extremes (ICoE-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 the thematic areas of disaster risk reduction.

The SEADPRI Forum 2021 will focus on Risk Science for Resilient Cities - From Concept to Action. It is will be held online from **1700-1900 (GMT+8) on 7 May 2021 (Friday)**. The event will be convened by the IRDR ICoE-SEADPRI-UKM, UNDRR Asia Pacific Science Technology Academia Advisory Group (AP-STAAG) and Asian Network on Climate Science and Technology (ANCST) with support from the UNESCO Youth and Young Professionals Group on Disasters, International Science Council – Regional Office for the Asia Pacific (ISC-ROAP) and the Academy of Sciences Malaysia.

OBJECTIVES

Risk science covers scientific knowledge related to the development of concepts, principles, approaches, methods, and models for understanding, assessing, characterizing, communicating, managing, and governing risk. Risk science is broader than conventional probabilistic risk assessments. Conventional methods generate scientific information, building on competences from multidisciplinary or interdisciplinary fields. Risk science enables the advancement of new generic, fundamental knowledge on risk concepts, principles, and methods, as well as supporting the practical tackling of actual risk problems. It also facilitates the identification of new ways of presenting associated uncertainties. The SEADPRI Forum 2021 will focus on the following objectives:

- Promote understanding of risk science and the regional risk landscape in a changing climate;
- Identify major challenges and research priorities for risk science of cities in the region; and
- Explore means for implementing actions, including drawing on the energy of youth and young professionals.

Key findings from the Forum will be conveyed to the 2021 Integrated Research on Disaster Risk (IRDR) Conference on 8-10 June 2021, to develop the Global Research Agenda for disaster risk reduction and risk-informed development toward 2030 and beyond. The findings will also provide inputs for the work plan of the IRDR ICoE-SEADPRI-UKM, Asian Network on Climate Science and Technology (ANCST) and other institutions in the region.

TENTATIVE SCHEDULE

Moderator: Prof. Joy Jacqueline Pereira, Chair, ANCST
5.00 pm: Welcome Remarks, Prof. Sharifah Zarina, Chair, IRDR ICoE-SEADPRI-UKM
5.05 pm: Opening Remarks, Dr. Riyanti Djalante, Chair, IRDR Steering Committee
5.10 pm: Keynote Presentations
- **Concept and Practice of Risk Science**
  Dr. Jenty Kirsch-Wood, Chief of the Global Risk Analysis and Reporting Section, UNDRR
- **Development of the Global Research Agenda for DRR**
  Prof Qunli Han, Executive Director, IRDR

6.00 pm: Discussion Session
6.50 pm: Closing Remarks, Chair, APSTAAG, Prof. Rajib Shaw

REGISTRATION AND ENQUIRIES

Kindly contact Mr. Mohd Khairul Zain Ismail (zainkhairul@ukm.edu.my) and Mr. Navakanesh Batmanathan (nava@akademisains.gov.my) if there are any technical issues.

Registration Link: https://zoom.us/webinar/register/WN_IXTepuV0Q3Kpi_5K630-Fg

KEYNOTE SPEAKERS

Dr. Jenty Kirsch-Wood is Head of Global Risk Management and Reporting at the United Nations Office for Disaster Risk Reduction. She has over two decades of experience working with UN agencies and non-governmental organisations in Iraq, Iran, Jordan, Azerbaijan, Indonesia, Bosnia and Herzegovina, Kenya and Somalia. She holds a Master's Degree from the London School of Economics and a Bachelor's Degree from Harvard University. She has research publications on the humanitarian implications of climate change.

Prof Qunli Han is Executive Director of Integrated Research on Disaster Risk (IRDR) International Programme Office (IPO). He is currently working in a project team led by the ISC, UNDRR and IRDR Scientific Committee for the development of the Global Research Agenda for disaster risk reduction and risk-informed development toward 2030 and beyond. Prof. Han was Secretary of the Man and the Biosphere (MAB) Programme and Director of the Division of Ecological and Earth Sciences of UNESCO (2013-2017) and has served in both the Headquarters and field offices of UNESCO in Afghanistan, Iran, Pakistan and Turkmenistan.

2021 IRDR Conference
8-10 June 2021

Integrated Research on Disaster Risk (IRDR) is a decade-long (2010-2020) research programme co-sponsored by the International Science Council (ISC) and the United Nations Office for Disaster Risk Reduction (UNDRR). It is a global, multi-disciplinary approach to dealing with the challenges brought by natural disasters, mitigating their impacts, and improving related policy-making mechanisms.

The completion of the first decade of the IRDR is an opportunity to examine its original science mission and lessons learnt, and look forward to 2030 and beyond on how Science, Technology, Engineering and Innovation (STIE) as a whole, should respond to the changing and uncertain landscape of risk and development. For an inclusive, safer and more sustainable world, science must act more effectively, coherently, strategically, and timely in generating policy changes and providing practical and tangible solutions.

The overall purpose of the 2021 Conference is to reach a renewed consensus on the mission of STEI and put forward a novel proposal on the Global Research Agenda for disaster risk reduction and risk-informed development toward 2030 and beyond. The Conference will culminate with the adoption of the Global Research Agenda on Disaster Risk Reduction, led by IRDR Scientific Committee and under the guidance of IRCR Co-sponsors, for submission to ISC Board for consideration.