



IRDR-IPO Update (June-Nov 2020)

24th IRDR SC meeting
10 November, 2020

2020
Priority
Work of
IRDR

DRR Research Agenda

IRDR Compilation

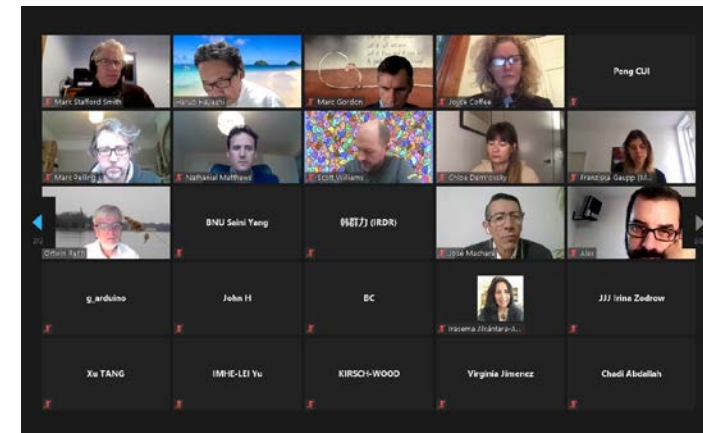
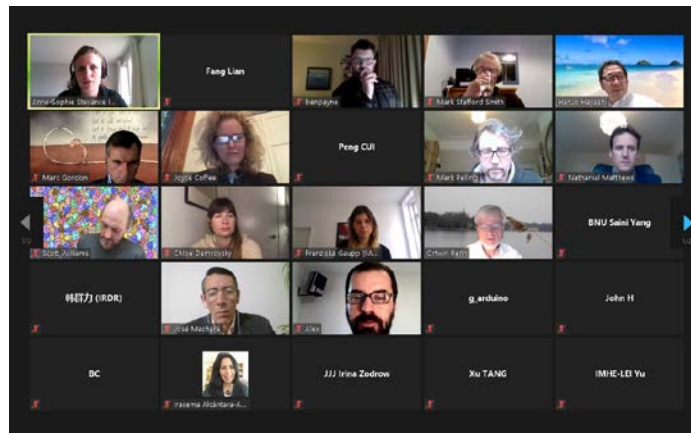
Preparation of IRDR Conference

IRDR Regular operation

- Meetings
- Working Paper Series
- Partnership development
- IRDR Website
- IRDR Special Issue

DRR Research Agenda

- Core Group (18 members) and Expert Review Group (44 members)
 - All SC members are involved (6 in Core Group, 8 in ERG, some former SC members)
- 1st ERG meeting on 6 Oct and 8 Oct, a number of CG meetings
- First draft outline and literature review draft available



Progress on IRDR Compilation

• Executive Summary

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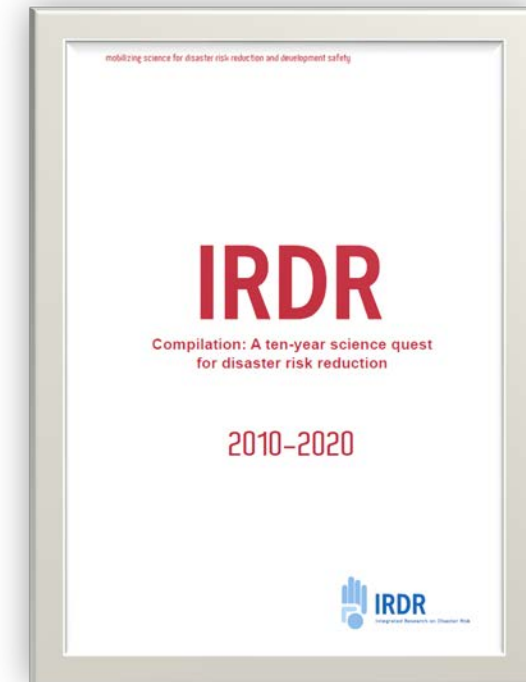
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Timeline on IRDR Compilation

- First draft of full report (in 300 pages) completed in Nov 2020
- Layout design in parallel in Nov 2020
- Review by IRDR Community in Dec 2020 and Jan 2021
- Final publishing before end of Jan 2021
- Launching IRDR Compilation 2010-2020 at IRDR Conference 2021

Preparation of IRDR Conference 2021

- E-Conference would be a likely option (hope not)
- Overall purpose:
 - to reach consensus on the new mission of science and technology and research priorities
 - to launch the new global research agenda toward 2030 and beyond for disaster risk reduction and development safety
- Expected outcomes:
 - New Global DRR Research Agenda
 - IRDR Compilation 2010-2020

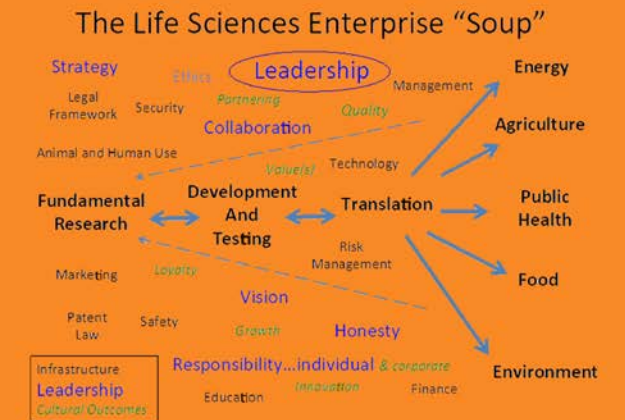
Recent meetings involved

- GEM Governing Board meeting 17-19 June
- E-APSTCDRR, 15 Oct, hosted by ICoE SEADPRI UKM
 - Chair of the technical session 1: Status of DRR and Science and Technology
 - Contribute to the outcome document toward Ministerial Conference 2021
- 2020 ICL-IPL Virtual Conference 2-6 Nov
 - Co-chair of the Kyoto Forum for launching of Kyoto Landslide Commitment 2020 (KLC2020)

IRDR Working Paper Series

2nd Batch

- The Biosafety-Biosecurity Culture Interface in Life Sciences Research
- Understanding the Geological Environmental Risks of Permafrost Degradation - Environmental and engineering geology in permafrost area in Northeast China
- Sustainable Infrastructure Development, Risk Perception and Vulnerability Assessment in Indian Himalayan Region
- Mapping Disaster Risk Reduction Institutions Using Web-based Accessible Information

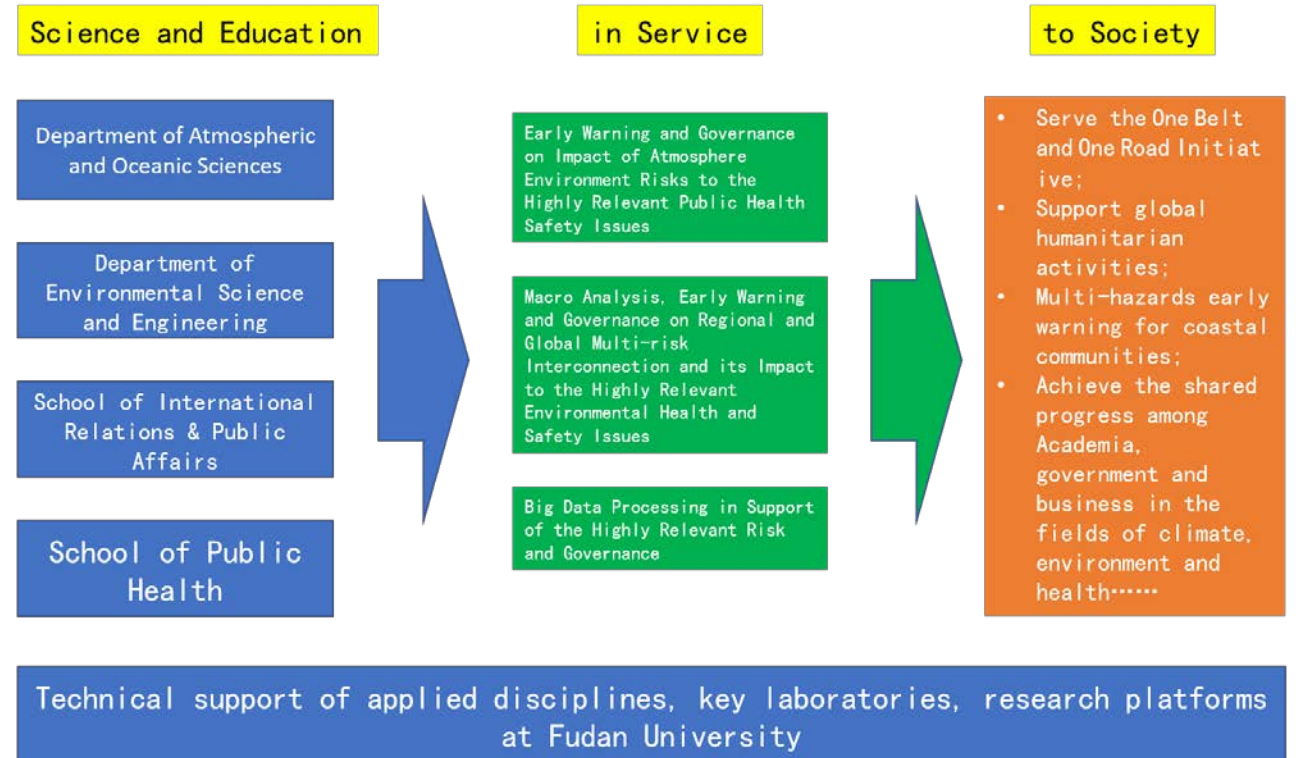


The Biosafety-Biosecurity Culture Interface in Life Sciences Research

Nisreen D. AL-Hmoud

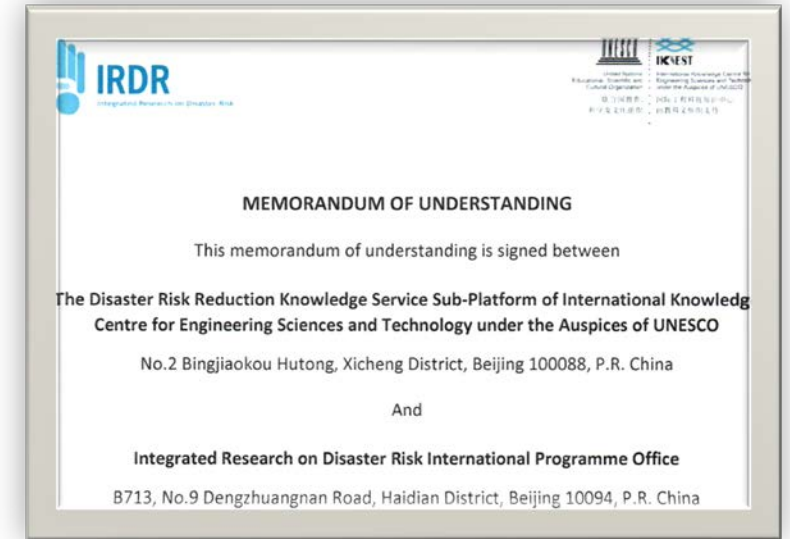
Proposal of IRDR new ICoE

- Risk Interconnectivity and Governance on Weather/Climate Extremes Impact and Public Health (**ICoE RIG-WECEIPHE**).
 - To be hosted by Fudan University, China



Partnership development

- MoU with IKCEST-DRR of UNESCO on data and information sharing, and training activities
- Earth Observations for Climate Change Impacts on World Heritage Cities and other internationally designated sites (IDAs) (in process)
 - With International Society for Digital Earth (ISDE) and UNESCO-HIST



IRDR website – new portal

- Redesign for cloud completed
- Migration completed and being tested
- To be launched before the end of Nov 2020



About us

Addressing the challenges of natural & human-induced environmental hazards

Integrated Research on Disaster Risk (IRDR) is a decade-long research programme co-sponsored by the International Science Council (merged by International Council for Science (ICSU), the International Social Science Council (ISSC), 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.

Mission

To develop trans-disciplinary, multi-sectorial alliances for in-depth, practical disaster risk reduction research studies, and the implementation of effective evidence-based disaster risk policies and practices.

Governance

To In support of the IRDR Strategic Plan , the Programme is guided by the

Research Objectives

1.Characterisation of hazard, vulnerability and risk. 2.Effective decision-making in complex and changing risk context. 3.Reducing risk and curbing losses through knowledge-based actions.

Elements

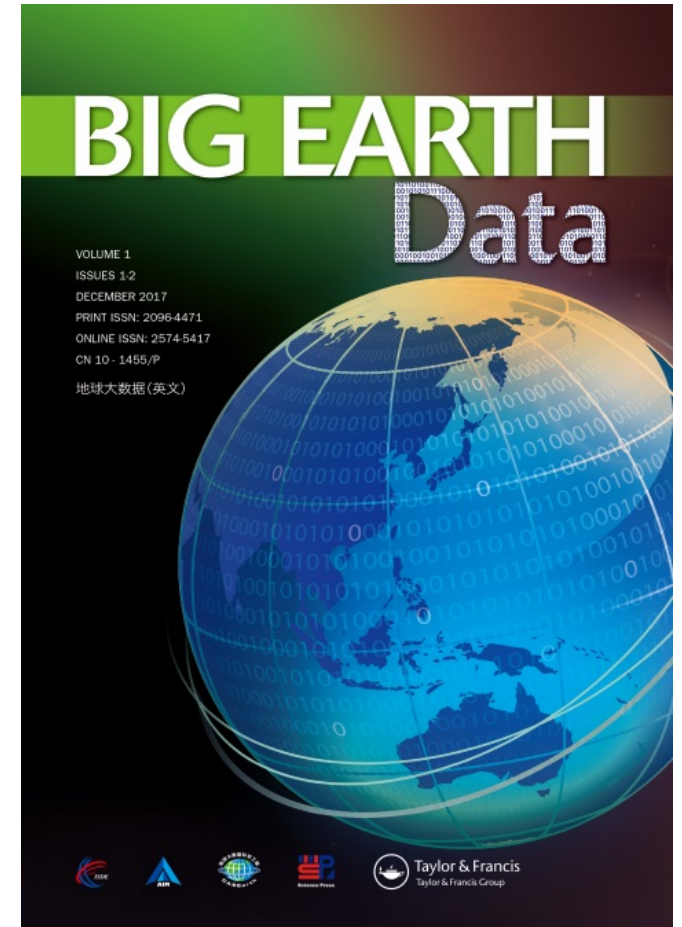
The following are the elements of the IRDR's research programme: National

Special Issue with Big Earth Data (TBD)

- e.g Integrated Research on Disaster Risk and **SDGs**

Big Earth Data is an **open access** journal that publishes 'big data' studies across the entire spectrum of the Earth sciences, Co-published by *Taylor & Francis* and *Science Press*

Big Earth Data was launched in December 2017 as a sister journal of *International Journal of Digital Earth*, now indexed by **DOAJ** and **Scopus**.



Thank you