

The Future of IRDR: Same elements for consideration

Input for discussion at 26th session of IRDR Scientific Committee

19 October 2021

Han Qunli, Executive Director, IRDR-IPO

The basis for an IRDR new phase

1. IRDR Science Plan 2010-2020 (initial objectives and impact expected – by 31 Dec 2021)
2. IRDR Compilation 2010-2020 – Science effort in a decade
3. The IRDR community and its capacities in action
4. The new Research Agenda and need for implementation
 - ISC Action Plan 2022-2023
 - GP-2022 in Bali
 - The mid-term review of SFDRR

IRDR Research Objectives – for Science to Act



A Science Plan for Integrated Research on Disaster Risk
Addressing the challenge of natural and human-induced environmental hazards



Characterisation of hazard, vulnerability and risk.

Effective decision-making in complex and changing risk context.

Reducing risk and curbing losses through knowledge-based actions.

Research Objectives

Capacity building

Case studies and demonstration projects

Assessment, data management and monitoring

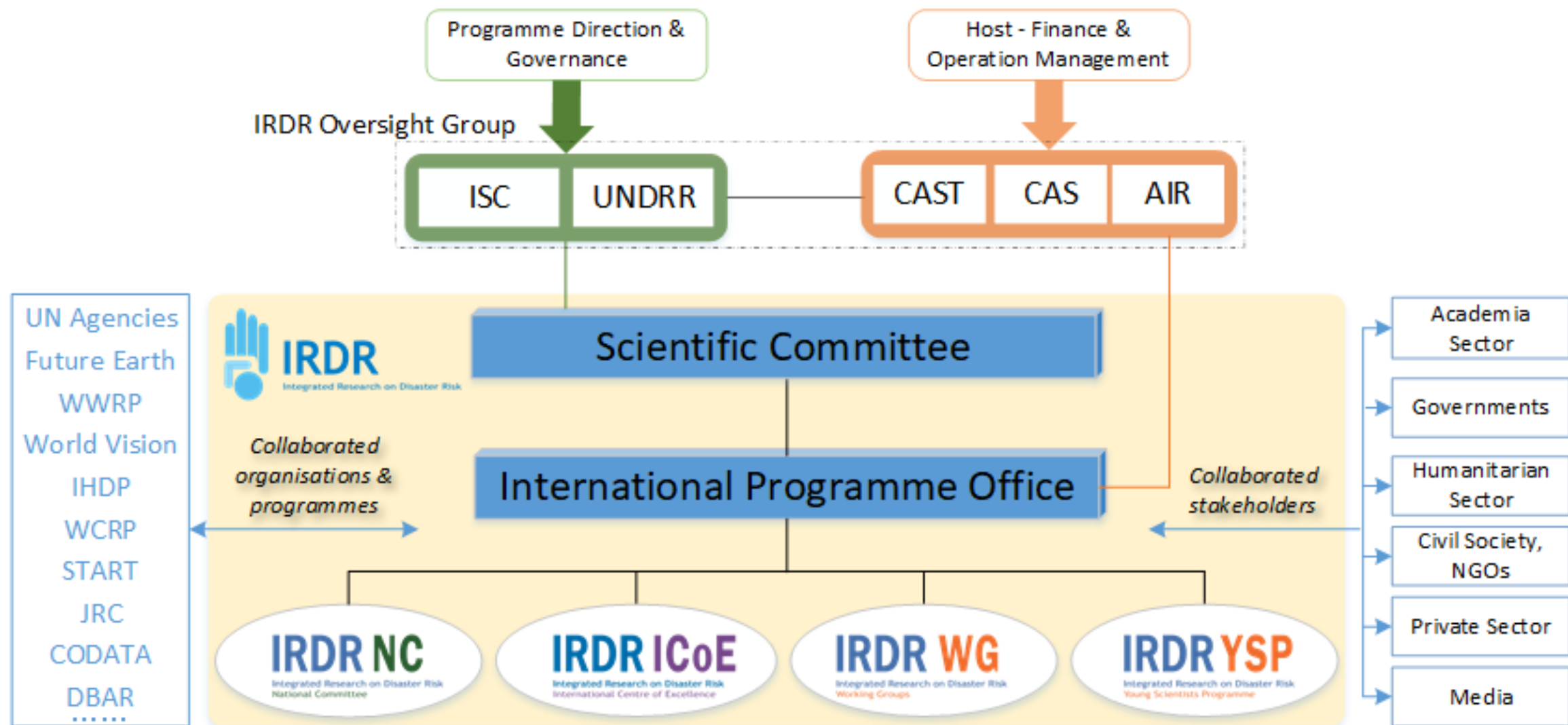
Cross-cutting themes

IRDR Compilation 2010-2020: A ten-year science quest for disaster risk reduction



- IRDR: an Evolving Science Programme
- IRDR Research Objectives vs IRDR Actions (89 cases)
- Advancing International Scientific Cooperation and Dialogue
- Programme Governance, Operational Mechanism and Management
- Challenges in a Diverse and Dynamic DRR landscape





Risk Science Research Framework toward 2030 and beyond



New DRR research priorities

1. Understand risk creation and perpetuation in the present risk landscape
2. Address inequalities, injustices and marginalisation
3. Enable transformative governance and action
4. Understand the implications of new thinking on hazards
5. Harness technologies, data and knowledge for risk reduction
6. Support **regional and national** science and knowledge for policy and action
7. Support just and equitable transitions, adaptation and risk reduction
8. Measurement to help drive progress
9. Foster interdisciplinary and multi-stakeholder collaboration



As lead for new research agenda implementation

- To lead and coordination the implementation of the new Research Agenda for SFDRR.
- To be responsible for deliver action of ISC 2022-2024 Action Plan on system risk and global emergencies.
- GP-2022 in Bali
- Input toward the mid-term review of SFDRR

As an international think tank

- Within the broad priorities of new Research Agenda, IRDR will carry out research, foresight studies, publication, advocacy and dialogue.
- A particular feature of the think tank is to facilitate upstream science-policy dialogue, and enable the exchange of views and ideas between countries regions and sectors, between different governance levels.
- In doing so, IRDR will push forward the development of risk science.

As an international workplace for standard setting in risk science

- IRDR will work in reviewing, designing and proposing international agreements on concepts, definitions, terminologies and indicators and related norms in data, analysis, methods and technical standards in DRR and in risk science.
- In doing so, IRDR will take the role as a standard setter for international communities, under the scientific and policy authority of its co-sponsors.

As a hub of centers of excellence of risk research and capacity building

Building on the base of IRDR ICoEs (18), IRDR NCs (13) and IRDR Young Scientists Programme established in its first decade, IRDR will further its roles in fostering centers of excellence in DRR and therein the connections, as its contribution toward building institutional capacities in DRR, and act as a major knowledge producer and provider for solution-oriented service through the centers of excellence.

How to proceed and timeline

- We need to have a clear and simple proposal quickly, and by the end of October for internal review and consideration for the signing parties of IRDR (IPO will follow)
- IPO can, in agreement with SC, put a simple and fast online survey which can be completed by 20 minutes on this matter
- IPO will take relook on the feedback already received from SC members, NCs, ICoEs during IRDR Compilation
- The rest is up to the political and institutional will of the parties at the end of 2021.

Thank you