



IRDR INTERNATIONAL CONFERENCE 2024
22-23 Oct, 2024
Beijing, China
Concept Note

Science for an inclusive, safe and sustainable world: ACTIONS OF IRDR Global Community

1. Background and Context

The new global risk science research framework, entitled “A Framework for Global Science in Support of Risk-informed Sustainable Development and Planetary Health” (referred as the Research Framework below), was launched by ISC, UNDRR and IRDR at the 2nd ISC General Assembly in Oct 2021. With the overall objective of augmenting global risk science and knowledge to address the dynamic risk landscape, the Research Framework identified nine broad research priorities. These priorities recognize that understanding the nature and characteristics of risk, and how science can promote policy change, remain the essential challenges for the science community.

The IRDR Phase II has started from 2023, which was the same year of the mid-term review of the implementation of the Sendai Framework and other related UN Agreements for 2030. The missions of the new phase is to mobilize science for the reduction of all types of disaster risk; building resilience and reducing vulnerability by integrating risk science with climate change adaptation and mitigation; and achieving the Sustainable Development Goals (SDGs). This mission echos the mid-term review recommendations, and target toward IRDR’s new vision on ushering in an inclusive, safe and sustainable world by promoting a better understanding of disaster risk and effective use of risk science in decision-making.

The IRDR International Conference 2024 will be a gathering of IRDR global community to share their knowledge and insights regarding the action plan of 2025-2027 and the development of the risk science based on the Research Framework.

2. Expected outcomes

- ✧ The Conference will reach consensus on actions to support the implementation of the Research Framework, in the format of IRDR Action Plan 2025-2027.
- ✧ The Conference will conclude policy recommendations on strengthening global scientific and technological cooperation aimed at disaster risk reduction and development safety, in the format of a Policy Brief.

The outputs of the Conference will contribute to 2024 World Science and Technology Development Forum and 2025 Global Platform on Disaster Risk Reduction.

3. Agenda

Day 1: 22 Oct

- 9:00-10:00 **Opening Session**
- 10:00-10:30 **Break with group photo**
- 10:30 -12:00 **Plenary Session 1: Challenges and gaps: Reflections of Sendai Mid-term Review**
This session will present the results of Sendai Mid-term Review and discuss the key challenges and the way forward in the implementation of Sendai Framework in the context of global dynamic.
- 12:00-14:00 **Lunch Break**
- 14:00-17:30 **Parallel Sessions (Break with networking at 15:30-16:00)**
The themes of parallel sessions are in line with the priorities of Research Framework and missions of IRDR.
- 19:30 **Reception**

DAY2: 23 Oct

- 9:00 -10:30 **Plenary Session 2: IRDR Global Community**
- 10:30-11:00 **Break with networking**
- 11:00-12:30 **Parallel Sessions**
The themes of parallel sessions are in line with the priorities of Research Framework and missions of IRDR.
- 12:30-14:30 **Lunch Break**
- 14:30 - 16:00 **Plenary Session: Actions and Recommendations Toward 2030**
- 16:00-16:30 **Break with Networking**
- 16:30-17:00 **Closing Session**
- Open end **Networking and Self-organised Activities**

4. Special Event

24 Oct

- 14:00-16:30 **Thematic Session of 2024 WSTDF: Science and Technology for Risk-informed Sustainable Development**
This session is organised by IRDR, ISDE and CBAS.

5. List of Pre-sessions in 2023

Workshops/Conferences	Organizer(s)	Place
New Technology vs Disaster Risk Reduction: Opportunities and Emerging Risks	IRDR IPO CODATA GOSC	Online
Harness technologies, data and knowledge for disaster risk reduction of UNESCO-designated sites	IRDR IPO UNESCO HIST	Huangshan, China
International Conference on Science and Technology for Sustainability 2023	IRDR ICoE-Coherence IRDR NC Japan	Tokyo, Japan
Disaster Risk Reduction session of the 6th World Philanthropy Forum	IRDR ICoE CCOUN	HK, China
New data technologies for DRR early warning and early actions	IRDR IPO DBAR DRR WG CAST-UN Consultative Committee on DRR	Beijing, China
1st Conference of Chemical Weather and Chemical Climate	WMO IRDR Fudan ICoE	Shanghai, China
Open data and open service for disaster risk reduction	IRDR IPO CODATA GOSC	Salzburg, Austria

6. Conference Organisation

- ✧ Sponsors: International Science Council (ISC), United Nations Office for Disaster Risk Reduction (UNDRR), China Association for Science and Technology (CAST)
- ✧ Supporters: Chinese Academy of Science (CAS), CAST-UN Consultative Committee on Disaster Risk Reduction (tbc)
- ✧ Organising Committee: IRDR Scientific Committee, and representatives of ISC, UNDRR and CAST
Note: The Organising Committee is responsible for the overall design of the Agenda, identification of speakers and moderators, and provides operational guidance to the Conference Secretariat.
- ✧ Hosts: IRDR International Programme Office, AIRCAS, CAST New Technology Centre, Headquarters Cluster of International Science and Technology Organisations

7. Registration and participation

The registration will be available soon via the conference website. No registration fee required. Online participation will be provided and the links will be sent to the registered emails.

8. Contact

For agenda and organisation of the sessions:

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