POST-IRDR に向けて：IRSR SC 報告

防災科学技術研究所　林　春男

1）IRDR 最終年度

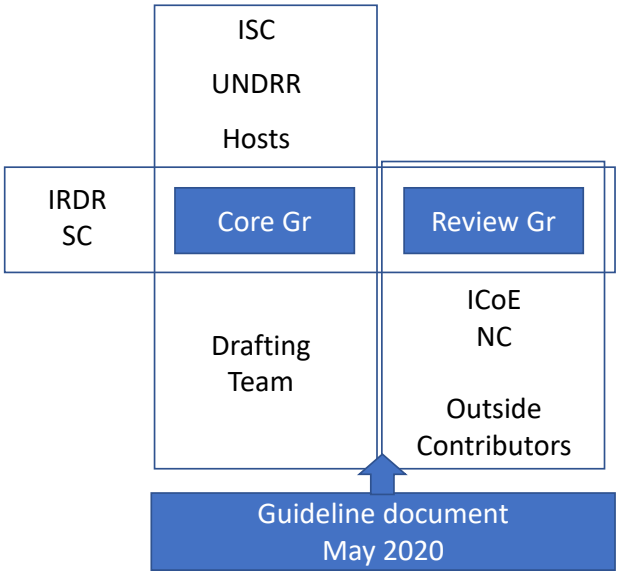
- 当初予定：2020/10/10-11 Chendu で最終カンファレンス開催
- そのための最終レポート作成の段取り SC22（19/10/8-9、Xiamen）で決定
- COVID-19 のため SC23（20/3/18-19、Kuala Lumpur）はキャンセル、
- 最終カンファレンス：2021 年前半にどこかで開催
  最終レポート作成も遅れ：First draft 依然未共有

2）SC23 の開催

- 20/6/15 1700-1900(JST)に Zoom 会議として開催
- 33 名参加しました。
- 主として最終報告書についての経過報告。そのベースとなる直近 10 年の防災関係の Literature review の報告
- Post-IRDR 関係の資料として、“Guiding document”と”The Delopment of New Global Research Agenda toward 2030 and Beyond”

3）Post-IRDR に向けて

- 題名　”A Research Agenda for Global Science in Support of Risk-Informed Sustainable Development and Planetary Health“
- 適用期間　2021-2030
- とりまとめの体制



- 次の Agenda を特徴づける 11 の Guiding principles
  1. Is responsive to the new Global risk, development and planetary health contexts; 環境悪化がもたらす健康への影響
  2. Takes a systemic and multi-risk perspective, capturing emerging, dynamic, complex and cascading risks, and gives attention to the appropriate response space; 社会全体に影響が波及するリスク
  3. Is focused on policy relevance and outcomes; 政策との関連強化
  4. Actively supports coherence across major UN agreements on DRR, climate change, planetary health, SDGs etc. 他の UN 目標との整合性
  5. Aims to inform processes to implement and achieve the targets within the Sendai Framework for DRR, the Paris Agreement, and the SDGs, as part of the 2030 resilience agenda; 2015 年に成立した 3 枠組みの目標達成
  6. Uses the SDGs for both developing the agenda and for broad framing of the research work; SDGs に即した計画立案と研究構想
  7. Is based on consultation, and proactively promotes collaboration across disciplines, domains and stakeholder groups – in line with the Sendai principle of transdisciplinary collaboration ：ステイクホルダーとの共創
  8. Recognises DRR as essential to the development process and improved human well-being; DRR が持続的開発や人間の幸せの前提
  9. Engages with traditional and other forms of knowledge, and where practicable promotes co-production of knowledge; 知の統合
  10. Includes consideration of how research is funded, and how the results could be implemented; 研究資金獲得及び社会実装のしくみ
  11. Is flexible and adaptable to changing circumstances;流動的な状況への適応

- Global science and policy context: リスクを取り巻く環境変化し Systemic risk 大切
  The broad policy context is provided by a risk landscape undergoing rapid and profound changes across DRR, climate change and sustainable development. about and acknowledgement of complex systemic risks:

- Rationale for a new DRR research agenda：防災と環境の連携
  The risk context demands the need for a new global research agenda which has a new orientation for risk-informed development [or, for development safety], which responds to specific needs and capacity gaps, and which is inclusive and equitable for all (i.e. “leave no one behind”).

・ 現行の IRDR と差異化すべき点　例

1. Science coherence in support of the global agreements on DRR, climate change and the SDGs　SDGs・環境との連携
2. Knowledge co-generation and sharing 共創
3. Engagement and interactions between science, policy and society 政策展開
4. Attentions to new techniques, such as modeling, simulation, metrics, monitoring etc. 新技術の取り込み
5. The agenda needs to find ways to encourage scientists to work towards the purpose of this agenda rather than other priorities. 研究者の囲い込み
6. Integration of different forms of knowledge (e.g. scientific and traditional) 知の統合
7. Open science?　オープン科学

・ Strategic areas of cooperation in DRR science and policy 例

1. Data and knowledge: standard, production, open access, sharing and servicing (including warning systems), and how to encourage collaborative data sharing (based on FAIR (findable, accessible, interoperable and reusable) data from GAR Ch. 4).　標準化
2. New and existing technologies – development, application and access: new DRR solutions, as well as sources of new challenges (e.g. in relation to the digital revolution).　技術革新
3. Ideally, the issues of data, knowledge and technologies would be framed around processes that help them to be aligned and integrated. 知の統合
4. Scientific understanding on increasing risks and uncertainties: including systemic, cascading, emergent, NATECH, rapidly evolving, and multi-dimensional risks. リスクの幅
5. Science, policy and society engagement, dialogue and action: new dynamics to foster societal awareness and coherence for risk-informed decision making and action across the agenda and Global agreements (DRR, climate change, sustainable development). 共創
6. Institutional capacity development: strengthening inter-disciplinary and multi-stakeholder science, technology, innovation, and education at all levels and across boundaries, particularly in the global south, including fostering new generations of DRR professionals. 途上国支援
7. Collaborative Global and regional governance of transboundary risks: address collective endeavors from different countries and manage transboundary risks coherently.　ガバナンス