



19TH SCIENTIFIC COMMITTEE MEETING

15-16 April 2018, Beijing, China

AGENDA

IPO Note for the Agenda of 19th Scientific Committee Meeting

The 19th Scientific Committee Meeting on April 15th and 16th 2018 in Beijing, China is especially significant. To facilitate the meeting and ensure efficiency and productivity, IRDR IPO provides the following notes to all participants.

Firstly, the central focus of this meeting is related to the IRDR Strategic Plan of Action 2018-2020. The meeting will make a final discussion and approve the plan and put it in operation.

Secondly, the meeting will review and decide about the plans of the existing IRDR working groups and make a decision about new IRDR working group proposals.

Furthermore, the meeting will provide an opportunity for SC members, ex-officio members, NCs and ICoEs to discuss how to enable a broader, more interactive, cross-cutting and productive work in IRDR, in particular toward the scientific publications, capacity building opportunities and collective contribution toward the synthesis report of SFDRR.

Finally, we will also take look at the progress in IRDR regional cooperation, flagship project development, new partnership and, young scientists programme of IRDR.

Presentation Guidance

- Working Group Presentation (item 5.7)

Each working group presentation is limited to 15 minutes, including 5 minutes Q&A. Please present:

- (1) The updates of activities from the last SC meeting (new WGs disregard)
- (2) Plan 2018-2020 with a specific timeline (including Objectives, Scientific Questions, Plan Activities, Deliverables, Support Needs)

- NC & ICoE Presentation (item 6)

Each NC/ICoE presentation is limited to 10 minutes, including 5 minutes Q&A, Please present:

- (1) The updates of activities from the last SC meeting
- (2) Future Plan with IRDR
- (3) Support Need

Please send your PPT to Lian Fang: <fang.lian@irdrinternational.org> by April 6th, 2018. Lastly, we would like to remind all participants that the first half-day of the meeting is restricted to SC members, co-sponsors, host and IPO.

DAY 1: 15 April 2018 (Venue: 3F Guangzhou Hall)

(The morning session is restricted to SC members, Co-sponsors, Host and IPO), chaired by John Handmer

TIME	TOPIC	LEAD / SPEAKER
09.00 – 09.30	1. Welcome	
	1.1 On behalf of SC Chair	John Handmer
	1.2 From IRDR Executive Director (Also on behalf of the host)	Han Qunli
	1.3 Round Table Introductions	SC members
09.30 – 09.35	2. Approval of the Agenda	John Handmer
	2.1 SC-19 Agenda	
09.35 – 10.45	3. Co-sponsors Update	
	3.1 Oversight Meeting Update (30 minutes)	Irina Zodrow
	3.2 UNISDR (20 minutes)	Irina Zodrow
	3.3 A dialogue between Co-sponsors and SC members on the Future of IRDR	John Handmer
10.45 – 11.00	Coffee Break + Group Photo	
11.00 – 11.15	4. IPO Update	
	4.1 IPO Update (15 minutes)	Han Qunli
11.15 – 12.45	Lunch	
12.45 – 14.15	5. IRDR Programme Development	
	5.1 Announcement of Decision on New NC & ICoE (5 minutes)	Han Qunli
	5.2 Discussion on Strategic Actions of IRDR 2018-2020 (40 minutes)	Han Qunli John Handmer
	5.3 IRDR Young Scientist Programme & 2019 DRR Global Youth Forum (10 minutes)	Han Qunli
	5.4 Flagship Project: SIDRR (10 minutes)	Cui Peng
	5.5 Flagship Project: New Zealand Project (10 minutes)	Bapon Fakhruddin
14.15 – 14.30	Tea / Coffee Break	
14:30 – 17:00	5.6 Working Group 2018-2020 Plan (15 minutes for each group)	John Handmer/ Han Qunli
	5.6.1 AIRDR	Virginia Jimenez
	5.6.2 DATA	Virginia Murray/Bapon Fakhruddin
	5.6.3 FORIN	Irasema Alcántara-Ayala
	5.6.4 RIA	Bapon Fakhruddin
	5.6.5 New Working Group	
	- CCA-DRR Synergy	Riyanti Djalante
	- SFDRR Synthesis Report	Haruo Hayashi
	5.7 SC 20 th meeting- location and timing	Cui Peng / Han Qunli
17.00	Opening Night Reception. Dinner-Free Arrangements	

DAY 2: 16 April 2018 (Venue: 2F Shanghai Hall)

(Open to All), chaired by Shuaib Lwasa

TIME	TOPIC	LEAD
09.00 – 12.00	<p>6. Reports, Discussions and Cooperation among National Committees & ICoE (10 minutes for each committee)</p> <p>6.1 NC China 6.2 NC Japan 6.3 ICoE Taipei 6.4 ICoE TDDR 6.5 ICoE CR 6.6 ICoE NEST 6.7 ICoE SDS IDRR 6.8 ICoE CCOUC 6.9 ICoE SEADPRI-UKM 6.10 Collaboration between WG, ICoE, NC</p> <p>6.10.1 WGs Participation 6.10.2 Inputs for SFDRR Synthesis Report 6.10.3 Synergy in Capacity Building 6.10.4 Mapping Experts IRDR 6.10.5 Collective IRDR Visibility & Increase Communication Mechanism</p>	<p>Chen Fang Haruo Hayashi Jian-Cheng Lee Guoyi Han David Moore Johnston Amod Mani Dixit Victor Gerlof Jetten Gloria Chan Joy Jacqueline Pereira Han Qunli</p>
12.00 – 13:30	Lunch + Group Photos	
13.30 – 15:00	<p>7. Future Collaboration</p> <p>7.1 Specific Actions Required for IRDR Publications Report and Plenary Discussion 7.2 Belmont Forum Call- Follow up</p>	<p>Han Qunli Shuaib Lwasa</p>
15:00 – 15:30	Tea / Coffee Break	
15:30 – 17:00	<p>7.3 New Partnership (15 minutes for each group)</p> <p>7.3.1 Sichuan University 7.3.2 UNESCO- DRRTIU, IOTIC 7.3.3 Beijing Normal University – ASTCDRR 2018 7.3.4 Future Earth (TBC)</p> <p>8. Wrap Up</p>	<p>Gretchen Kalonji Ardito M. Kodijat Yang Saini Fumiko Kasuga Shuaib Lwasa / Han Qunli</p>
17.00	Closing	



Proposal on
Nation's Synthesis on Disaster Risk Reduction
Supported by Science and Technology

Haruo Hayashi
IRDR Japan National Committee

(National Research Institute for Earth Science and Disaster Resilience)

Activity of the IRDR National Committee of Japan Science Council of Japan

framework

- 2012 Nov. Long-term Plan for S&T Contribution to DRR towards 3rd UN WCDRR
- 2013
- review, direction, strategy, action proposal
 - plan for Conference
- 2014 Jun. IRDR Plenary2014, Beijing: Draft Tokyo Statement 2015
Oct. S&T Major Group Meeting, ICSU/Paris: Key Directions
Nov. WCDRR Preparatory Meeting, Geneva: S&T Inputs to draft negotiation
- 2015 Jan. **Tokyo Conference 2015: Tokyo Statement & Tokyo Action Agenda**
Short Film: <https://www.youtube.com/watch?v=KtdzaXPIG7U>
- Mar. **3rd UN WCDRR, Sendai: Sendai Framework**
- Nov. Preparation for G-Science 2016
- 2016 Feb. G-Science Meeting, Tokyo: Draft G-Science Statement
Feb. **SCJ Recommendation**
<http://www.scj.go.jp/ja/info/kohyo/pdf/kohyo-23-t225-1-en.pdf>
Apr. **G-Science Statement on Disaster Resilience**
<http://www.scj.go.jp/ja/info/kohyo/pdf/kohyo-23-gs2016-2.pdf>
- 2017 May **G7 Summit**
Jan. Preparation for IAP Statement on DRR
Nov. **Global Resilience Forum 2017: Tokyo Statement 2017**

GCDS
GADRI
JaNET

Actions

Global Forum on Science & Technology for Disaster Resilience 2017, Tokyo



To pursue steady implementation of the four priorities
for action of the Sendai Framework.

Global Forum on S & T for Disaster Resilience 2017

Structure

7 Working Group

Priority 1-4 for Actions, Interdisciplinary, National Platform, Synthesis

21 Co-Chairs (3 for each WG)

Recommended by UNISDR, ICSU/IRDR and SCJ

120 Panelists and Discussants

Recommended by Co-Chairs

8 Plenary discussion Sessions

7 organized by WGs and 1 Reports & Summary

12 Working Discussion Sessions

3 organized by WG 1-4

3 Working Lunch Sessions

2 for Science & Technology-Enterprise Cooperation
1 for National Platforms

InterAcademy Partnership (IAP) Statement

Global Forum on S & T for Disaster Resilience 2017

Outputs

Tokyo Statement 2017

Science and technology commits -Actions for a disaster-resilient world

A new era on disaster risk reduction began in Sendai.

The four priorities for action defined by the Sendai Framework are our bases.

We need to co-create and co-implement new types of science and technology in society.



- 1) Guidelines for strengthening national platforms for DRR and coordination mechanisms through enhanced contribution of science and technology.**
- 2) Periodic synthesis reports on the state of science and technology for reducing disaster risk.**

Participatory System

Various English Products

Various Initiatives

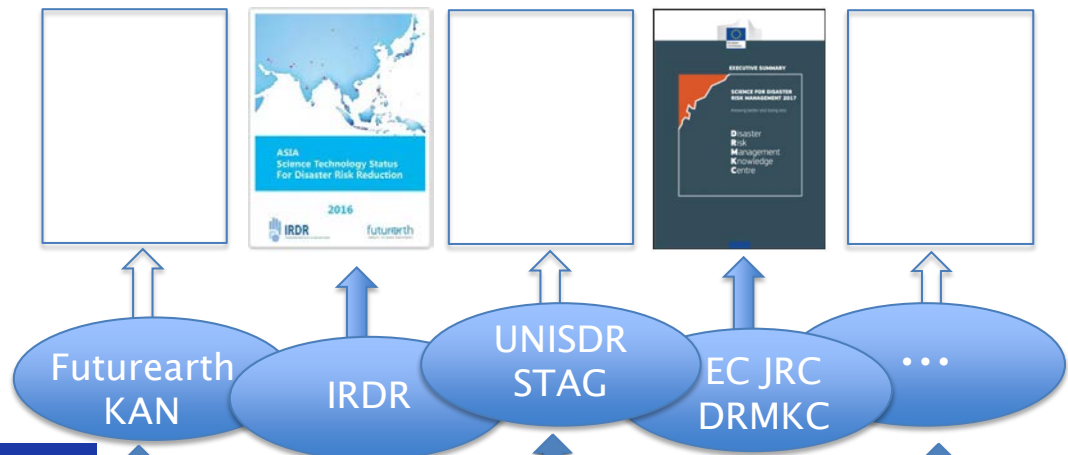
Automatic translator



Online Synthesis System

Level: global, international/regional, national, local	Common Framework		Common Concepts		Multiple Alternatives		
	Understanding Risk	Priority Actions	Input Targets	Outcome Targets	Deepening Understanding	Developing solutions	Implementing solutions
	<ul style="list-style-type: none"> Root Causes Risk Drivers Risk Analysis/ Risk Assessment Risk Mapping Realtime Hazard Monitoring Prevention/ Mitigation Early-warning Resilience Response Recovery (Build Back Better) Governance Disaster Investment 	<ul style="list-style-type: none"> Hazards Exposure vulnerability Structural Non-structural What Who Whom 	<ul style="list-style-type: none"> National Strategy Access to Information International Cooperation Mortality Infrastructural Damage Affected People Economic Damage 	<ul style="list-style-type: none"> Mortality Infrastructural Damage Affected People Economic Damage 			
							Japan
							Nation X
							A.S.E.A.N.

Local Inputs by Local Language



Concept

		holistic approach		
Level: global, international/regional, national, local		Science		
Common Framework	common concepts	"Cognizing"	"Designing"	
		Deepening Understanding	Developing solutions	Implementing solutions
<p>Classification Scheme Reflecting Sendai Framework to Monitor the Implementation</p>		<p>Inputs from Multi-stakeholders such as Scientists, Engineers, and Civil Society</p>		

Economic Damage

Nation's Synthesis on Disaster Risk Reduction Supported by Science and Technology

Functions of the Information Infrastructure

- (1) Function to collect and store information on scientific knowledge and various activities related to DDR in each country
- (2) Function to collect and store lessons from past efforts and good practices of DDR designed and implemented based on science and technology
- (3) Function to promote dialogue
- (4) International cooperation to support individual countries

Nation's Synthesis on Disaster Risk Reduction Supported by Science and Technology

Goals

- (1) **Each country** should develop an information infrastructure for the science & technology community and stakeholders involved in in DRR
- (2) **Each country** should promote the efforts to be widely practiced in society at large
- (3) **The national platform** of each country should facilitate dialogue between the science & technology community and contribute to the development of a DDR strategy.
- (4) **Global and regional academic organizations** should support the science and technology community of each country for constructing information structure.
- (5) **UN agencies and international donor organizations** should be active in raising DDR awareness of each country and financing the development and operation of the information infrastructure.

Nation's Synthesis on Disaster Risk Reduction Supported by Science and Technology

Purposes

- (1) **Each country** should establish a coordinating mechanism where the science & technology community and stakeholders involved in DRR will practice Synthesis regularly and continuously; thereby, decision making, investment, and response before, during and after a disaster, all of which are based on scientific knowledge, will be planned and implemented throughout society and thus contribute to the improvement of disaster literacy in society.
- (2) **The international community** should establish a supporting mechanism that assists each country in this effort by giving advice and sharing experience and expertise in disaster science and technology, capacity development and financing.

Nation's Synthesis on Disaster Risk Reduction Supported by Science and Technology

Schedule

(1) Development of an action plan: Present-May 2019

- **Role of the International Science and Technology Community:** The co-chairs of the Tokyo Resilience Forum and the partner organizations should start drafting an action plan through telephone meetings while consulting with STAG, IRDR, GADRI, SCA and others about the possibility of cooperation. After that, a workshop with involved parties should be held back to back with IRDR SC scheduled in fall 2018, and finalize the draft action plan to be proposed by the International Science and Technology Community.
- **Role of UN agencies and international donor agencies:** UN agencies and international donor agencies should explore an international mechanism to support the effort by each country through political processes such as the Asia Disaster Minister Conference and consultations with the World Bank, GFDRR, and regional development banks.

(2) Implementation Phase 1 (FS): May 2019 to 2020

(3) Implementation Phase 2 (Implementation): 2021 to 2023

	Action	Description	Deliverables	Lead Group	Outcomes & Impact	Timeframe	
Improve Governance of IRDR	1	The Coordination Group meeting	An annual meeting of the Coordination Group	Strategic decisions and recommendations to IRDR SC and IPO	ISC Secretariat	Improving programme development policy and coherence & communication among co-sponsors, SC and IPO	2019-2020
	2	Annual donor reporting	Preparation of a comprehensive report of IRDR to the donors and co-sponsors on programme implementation	Annual report	IPO	Transparency and annual review of accountability vs IRDR goals and objectives	2018-2020
Expand the IRDR Network and Scientific Outputs	3	Contributing toward the improvement of coherence between SFDRR, SDGs and the Paris Agreement	Mainstreaming relevant SDGs and climate targets related to DRR in IRDR WGs, NCs, ICoEs and Young Scientists	IRDR key programme components and their products with clear indications to SDGs and climate targets	SC, IPO	IRDR showcases the interconnection of SFDRR priorities and the targets with SDG targets and other UN frameworks on SD	2018-2020
	4	Partnership development with G-STAG and Global ST partnership	Making joint effort with G-STAG and regional STAGs and be active in Global ST partnership in promoting integrated DRR research	IRDR contribution at G-STAG, regional STAG and Global ST partnership meetings	SC, IPO in cooperation with STAG	IRDR recognised as one of main driving forces in global STI mobilization for SFDRR	2018-2020
	5	Working Groups research implementation with research team open to IRDR community and external partners	<ul style="list-style-type: none"> - Revising working groups and define activities - Including the previous SC members - Organising a working session/workshop to take stock and reprioritize/align Integrated Research and WG's task around SFDRR and SDG. - Capacity Building - Promoting Integrated research approach and partnership with CODATA 	Specific Research Plans of WG and enhanced research teams A number of working papers from WGs and other IRDR components ICoE joint technical workshop/conference	WG Chairs and Co-Chairs, IPO	Enhanced WG outcomes Linkage and cooperation among SC, WG, ICoE's, NC's, Young Scientist and ISC Regional Offices and UNISDR Offices improved.	2018-2020
	6	WGs on SFDRR, CCA and SDG's	Creation of a New Working Group to align IRDR research and overall IRDR work to SFDRR, CCA and SDG's	WG reports	Working group chairs and co-chairs	IRDR position vs global climate change synergized	2018-2020
	7	New case studies on Integrated Research on Disaster Risk	Develop case studies with reinforced WG's on Integrated Research for DR, Policy and Practice.	Case Studies developed by region	WG's, ICoE's, NC's, Young Sc	Capacity building and IRDR network strengthened	2019-2020
	8	Continuation of Young Scientists Programme	Recruitment of young scientists through workshops and training activities	New Young Scientists members	IPO, SC Working Groups	START partner	2018-2020
	9	Expansion of IRDR base of experts by appointing "Associate Members" (name will be changed with prior agreed TOR by the co-sponsors)	Exemplary individuals in integrated DRR research and previous SC members	List of proposed new members	IPO	Reinforce IRDR Working Groups Support for capacity building	2018-2020
	10	Support and partnership with IRDR associated projects	Three specific approved projects (DBAR DRR WG, SIDRR, NZ)	DRR databases, models, training packages and reports	IPO with specific project leaders	Concrete cases and products in support of IRDR mission and objectives.	2017 onward
	11	Support for ST Roadmap	Specific contributions to Expected Outcomes <i>Understanding Disaster Risk</i> (1.2; 1.4); and <i>Strengthening Disaster</i>	<i>Risk Governance to Manage Disaster Risk</i> (2.1); among others through different WG's	SC, WGs, ICoEs, NCs	Use of ST, in particular integrated research approaches, in DRR related governance improved	2018 onwards

	12	Periodic synthesis case study. A selected team of authors to produce a short report as an exemplar of Tokyo statement outcome	Conduct a synthesis of state of knowledge on SFDRR priorities targeting 2019 Global Platform	Reports of the case study	ISC, IPO, Risk-KAN Development Team	A joint IRDR contribution toward 2019 Global Platform	2018-2019
	13	Support selected national DRR platforms as exemplars ¹	Co-develop with UNISDR guidelines to enhance national DRR platforms in selected countries.	Initial 2020 rolled out to several by 2030	IPO with UNISDR and its regional offices	Pilot examples for the development of national DRR platforms	2018-2020
	14	Contributing to ISC's leading role in the S&T Major Group for the 2019 Global Platform	Lead and organise specific events and dialogues within S&T Major Group at 2019 Global Platform	Suggestions and recommendations of the S&T MG events	ISC, IPO, SC and some ICoEs	Advancement of S&T contributions in the implementation of SFDRR	2018-2019
	15	A specific task on operationalization of SFDRR indicators	A co-implemented task on indicators	A consolidated proposal on SFDRR indicators	DATA Group	Contribution to SFDRR	2018 -2019
	16	Contribute actively toward the development of Risk-KAN	Working with WCRP, Future Earth and other partners to develop a Knowledge Action Network	Risk-KAN become operational	ICSU, ED, IPO, SC members	Improved ST action networks for SFDRR	2018-2020
	17	Regional DRR Events in all regions	IRDR contributing through SC members, NCs and ICoEs to DRR regional meetings and events on DRR & SDGs	Participation and technical advice	SC, NCs and ICoEs in liaison with ISC and UNISDR regional offices; IPO to report	IRDR Promotion and Visibility of the Programme	2018-2020
	18	Co-organize Scientific Form on Landslides	Work with ICL to organize Tokyo WLF5 in Kyoto	Specific papers and publications on landslide related risks	ICL, SC, IPO	Specific contribution of IRDR toward Sendai Partnership (on landslides)	2020
	19	IRDR International Conference (Resource to be identified and mobilised)	Integrated Science Technology Innovation (STI) on DRR and advancement of ST Roadmap	Reports on integrated knowledge for DRR Dialogue and new recommendations on STI for DRR Lessons learnt and proposals for ST Roadmap implementation	SC, IPO	A new Science Plan of IRDR toward 2030, and a stronger global alliance in STI for SFDRR and SDGs	2020
Improve the visibility of IRDR	20	Communication and outreach	Implementation of IRDR communication strategy approved at 18 th session of SC meeting	Operation in major social media, web and wikipedia	IPO	Enhanced IRDR communication and public understanding	2018-2020
	21	Special IRDR Journal Issue	Specific topic, tentative	1 Publication	SC	IRDR Legacy	2018-2019
	22	An IRDR Handbook	A stock taking handbook of science on Integrated Research on DRR	1 Publication	SC and Working Group	IRDR Legacy	2018-2020
	23	Scientific/Policy Output 2020 per IRDR WG	Short publication for decision makers on policy and practice	1 short Publication Guidelines	Working Groups	IRDR legacy	2018-2020

¹ This needs to be further checked. Not sure if SC members have already some countries in mind for the 'national DRR platforms'.