



Integrated Research on Disaster Risk



18TH Scientific Committee Meeting, 20-21 November 2017
Tokyo, Japan

IRDR

A decade-long (2010-2020) research programme focused on
Integrated Research on Disaster Risk



Mission: To develop trans-disciplinary, multi-sectorial alliances for:

- (1) in-depth, practical disaster risk reduction research studies, and
- (2) the implementation of effective evidence-based disaster risk policies and practices.

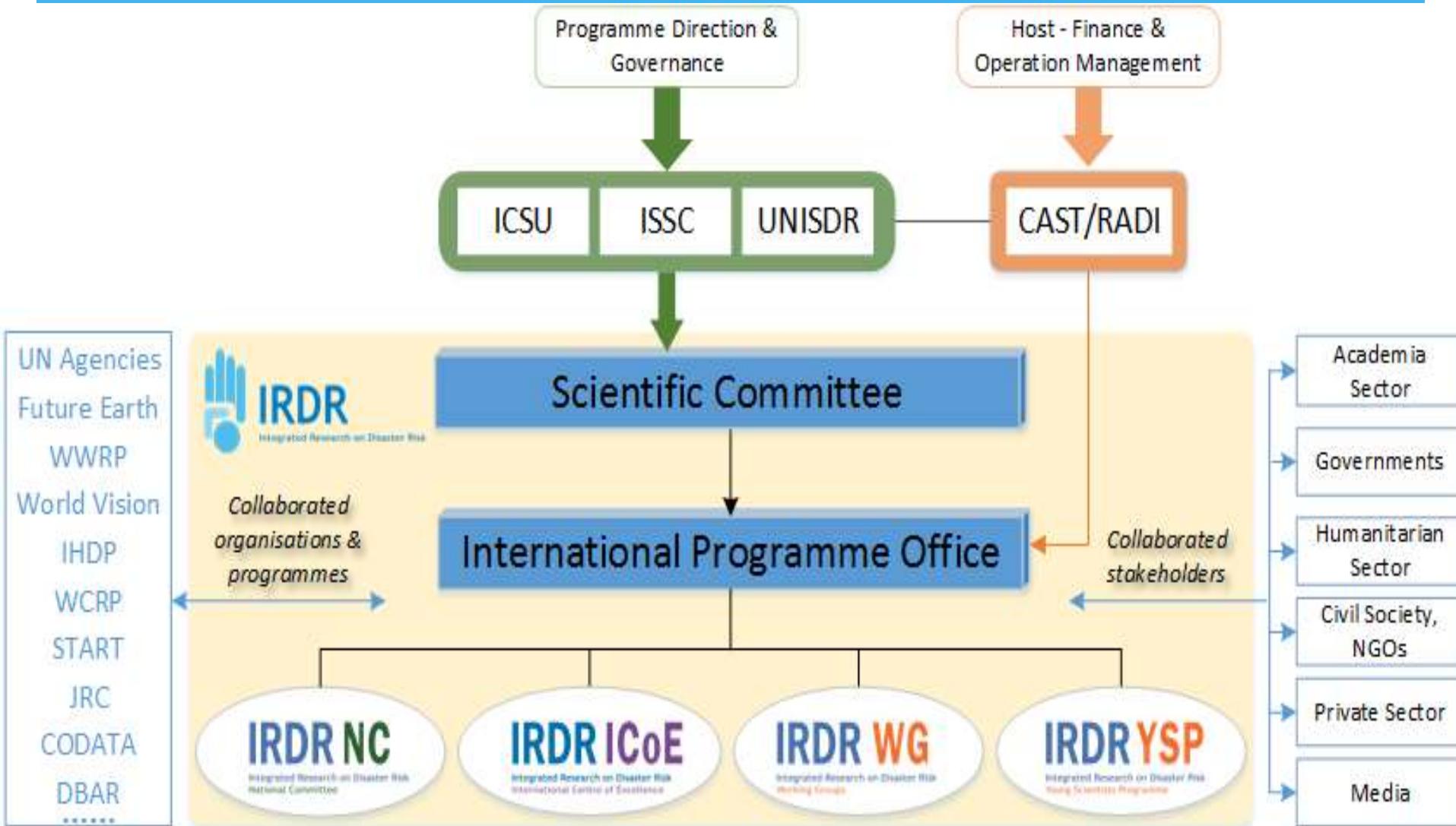
Objectives:

- (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.

IRDR 15 Scientific Committee Members



IRDR Structure



10 National Committees

1 Regional Committee

IRDR Australia	Bushfire & Natural Hazards Cooperative Research Centre (BNH CRC)
IRDR Canada	Science and Technology Working Group, Canada's Platform for Disaster Risk Reduction
IRDR China	China Association for Science and Technology (CAST)
IRDR Colombia	National Committee of Disaster Risk Knowledge, National Unit for Disaster Risk Management of the Presidency of the Republic of Colombia
IRDR France	Scientific Council, Association Française Pour la Prevention des Catastrophes Naturelles (AFPCN)
IRDR Germany	German Committee for Disaster Reduction
IRDR Japan	Science Council of Japan (SCJ)
IRDR New Zealand	Natural Hazards Research Platform (NHRP)
IRDR USA	Natural Hazards Center (NHC), Institute of Behavioral Science, University of Colorado at Boulder
IRDR Iran	A group of eight Iranian research institutes and scientific associations
IRDR Regional Committee	ICSU Regional Office for Latin America and the Caribbean (ICSU ROLAC)

Community-based Resilience, New Zealand	ICoE- CR
Risk Education and Learning, South Africa	ICoE- REaL
Risk Interpretation and Action, UK	ICoE- RIA
Capacity building, research, Taipei	ICoE- Taipei
Understanding Risk & Safety, Colombia	ICoE- UR&S
Vulnerability & Resilience Metrics, USA	ICoE- VaRM
Critical Infrastructure & Strategic Planning, Germany	ICoE- CI&SP
Disaster Resilient Homes, Buildings, and Public Infrastructure, Canada	ICoE- DRHBPI
National Society for Earthquake Technology, Nepal	ICoE- NEST
Disaster and Medical Humanitarian Response, Hong Kong	ICoE-CCOUC
Disaster Risk and Climate Extremes, Malaysia	ICoE-SEADPRI-UKM
Spatial Decision Support for Integrated Disaster Risk Reduction, the Netherlands	ICoE-SDS IDRR
Transforming Development and Disaster Risk	ICoE-TDDR

IRDR Interactive Map



Green: National Committee

Yellow: Regional Committee



: International Centre of Excellence

IRDR 4 Working Groups

DATA

Disaster Loss
DATA

Co-Chairs:
Virginia Murray
Bapon
Fakhruddin



FORIN

Forensic
Investigations of
Disasters

Co-Chairs:
Irasema Alcántara-
Ayala
Anthony Oliver-Smith



AIRDR

Assessment of
Integrated Research
on Disaster Risk

Co-Chairs:
Virginia JIMENEZ
& Shuaib LWSA

Completed in the SC meeting
in Cancun



RIA

Risk
Interpretatio
n and Action

Co-Chairs:
Ann Bostrom &
Bapon
Fakhruddin



IRDR Mid-Term Review

In early 2016, the three co-sponsors of IRDR commissioned this independent, forward-looking mid-term Review covering the first six years of the ten-year programme period.

The Review Panel's Recommendations:

- (1) Rethink, reform or reshape IRDR's strategy**
- (2) Change IRDR's business model and fundraising approach**
- (3) Adjust the governance system**
- (4) Refine and strengthen leadership, management and communication**
- (5) Operate as 'action network' towards collective impact**

FORMATIVE REVIEW OF THE
INTEGRATED RESEARCH ON DISASTER RISK
(IRDR) PROGRAM

Final Report

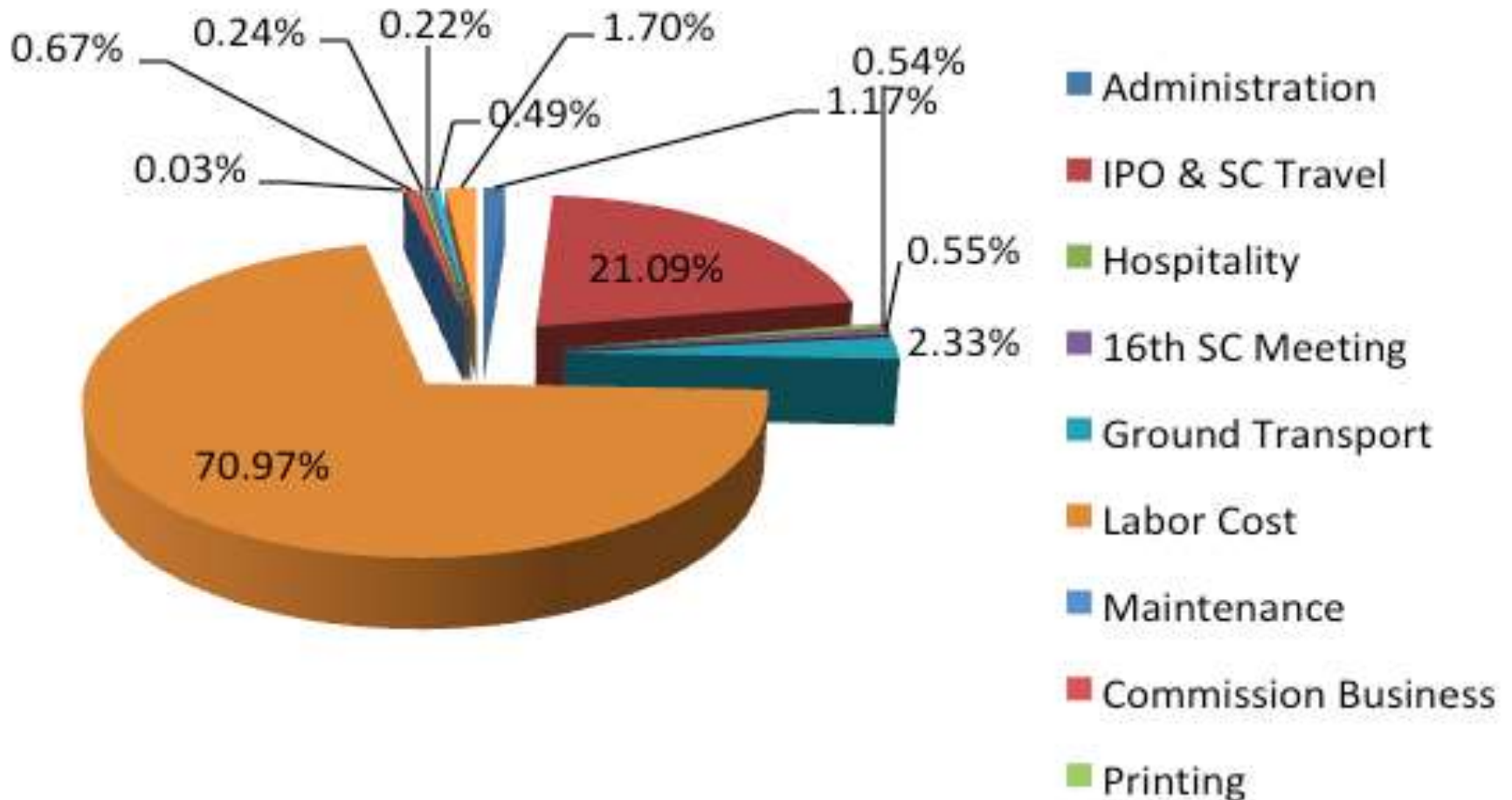
November 2016

Fundraising Approach, Annual Report 2012

Grant	Amount	Amount in USD	Rate	Notes
CAST Annual	2,700,000 CNY	432,000	1 CNY = 0.16 USD	IRDR IPO Annual Operation
2011 Roll-over	1,301,476 CNY	208,236	1 CNY = 0.16 USD	Roll-over from 2011 CAST Annual Award
ICSU Contribution	30,000 Euro	39,600	1 Euro = 1.32 USD	7th IRDR SC Meeting
UNISDR Contribution	30,000 USD	30,000		AIRDR & DATA working group
ISCU Annual Grant	30,000 Euro	39,600	1 Euro = 1.32 USD	ROLAC Regional Workshop
IUGG Grant	17,000 USD	17,000		Advance Seminar on FORIN
ICoE-Taipei	10,000,000 TWD	300,000	1 TWD = 0.03 USD	IRDR ICoE Events
CCAR Project	500,000 CAD	500,000	1 CAD = 1.00 USD	2,500,000 CAN over 5 years (currently year 2)
MEOPAR	5,000,000 CAD	5,000,000	1 CAD = 1.00 USD	25,000,000 CAN over 5 years
TOTAL		6,566,436 USD		

2016-2017 Fiscal Year Expense

The total Budget: 2,700,000CNY The total Deficit: 64,310.17 CNY



IRDR's Key Priorities for the Future

IRDR Mid-Term Review recommendations- IRDR Strategic plan 2017-2020

In early 2016, the three co-sponsors of IRDR commissioned this independent, forward-looking mid-term Review covering the first six years of the ten-year program period.

- 1. Science Advocacy: Global, Regional and National**
- 2. SFDRR indicators and strengthening national reporting system**
- 3. Thematic Contribution: 4 Working Groups**
- 4. Facilitating Associated Projects, e.g. Digital Belt and Road (DBAR) with RADI**
- 5. Strategic Partnership with National Committees and ICoEs**
- 6. Science Capacity Development: Young Scientists Programme**
- 7. Science Outreach: Communication Strategy and Products**

IRDR's Main Achievements

- ① **5 Policy Briefs** with ICSU contribute to 2017 Global Platform for DRR in Cancun, Mexico, 22-26 May 2017



- ② **Asia Science Technology Status for Disaster Risk Reduction, with Future Earth**

Country status reports and case studies of science and technology for DRR in 11 countries in Asia



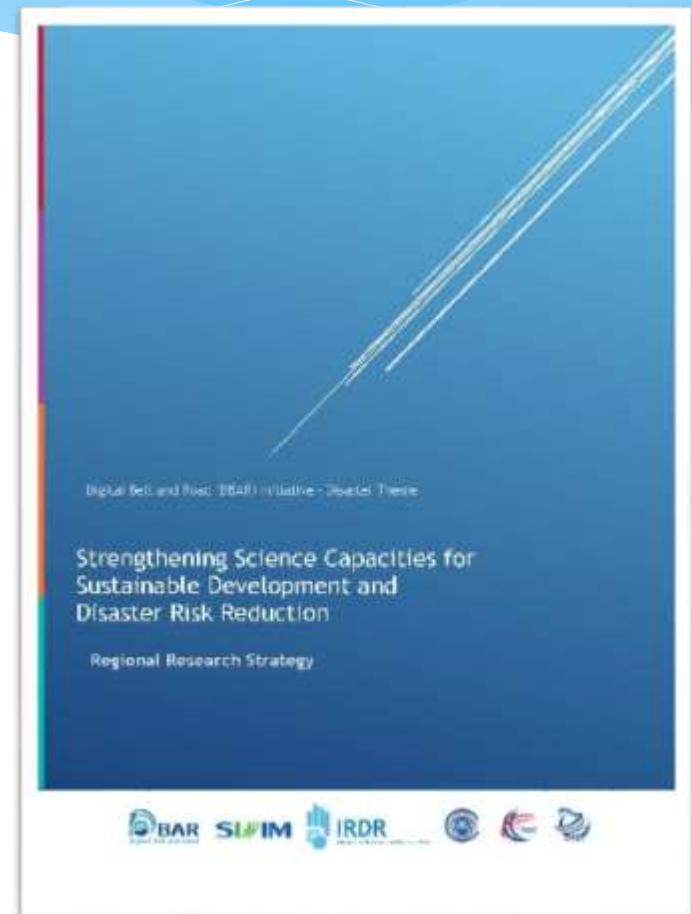
- ③ **IRDR Young Scientists Programme**

72 Young Scientists from more than 30 countries



Partnership with the Digital Belt and Road (DBAR)

- **The First Consultative Workshop of the DBAR Regional Research Platform for Disaster Risk Reduction, RADI, Beijing, 1-2 Dec. 2016.**
- **The 1st Digital Belt and Road Initiative (DBAR) Meeting 6-7 Dec. 2016 Beijing, with over 100 experts from China, India, Laos PDR, Morocco, the Netherlands, Pakistan, Tunisia and some international organizations.**



Young Scientists Programme

Application/ Selection

- * The 2nd round was end up in June of 2016. In this round, we received some 100 applicants and finally selected 31 IRDR young scientists from 18 countries.
- * The 3rd round will open soon.
- * The procedure of selection needs to be discussed.



The screenshot shows the IRDR Young Scientists Programme website. It features the IRDR logo and the title 'IRDR Young Scientists Programme'. The page is divided into several sections: 'Introduction', 'Key Objectives', 'Key Eligibility', 'Programme benefits', and 'Application Process'. The 'Introduction' section states that IRDR aims to promote capacity building of young professionals and encourage innovative and needs-based research. The 'Key Objectives' section lists three main goals: increasing awareness, developing a community of high-quality young professionals, and providing support for policy-making. The 'Key Eligibility' section lists criteria such as age (less than 40 years), affiliation (academic program), and endorsement (academic supervisor or department head). The 'Programme benefits' section lists four benefits: access to the IRDR network, access to the IRDR Scientific Committee (SC) for academic support, participation in IRDR-related training programs, and a certificate upon completion. The 'Application Process' section states that applicants need to submit the application form and relevant materials to a specific email address before June 30th, 2017. Detailed information is provided at the bottom of the page, including the website URL: www.irdr.international.org.

Young Scientists Programme

Activities

- * CCOUC: The 3rd cohort of the Croucher Summer Course on Research Methodology for Disaster and Medical Humanitarian Response
- * IMHE,CAS: “Major Natural Disaster Alleviation of the Belt and Road” Training Programme
- * DBAR: International Training Workshop on Integrated Risk Assessment Methods Using Spatial and Social Vulnerability Data for Disaster Risk Reduction Digital Belt and Road Initiative (DBAR) – Disaster Theme, a series of capacity building training workshop
- * Beijing Normal University/ IRG- Future Earth, Summer School



Integrated Research on Disaster Risk

Posted by Irdrr Ipo

12 October at 4:28 PM · 🌐

8 IRDR young scientists are selected to participate the International Training Workshop on Integrated Risk Assessment Methods Using Spatial and Social Vulnerability Data for Disaster Risk Reduction Digital Belt and Road Initiative (DBAR) – Disaster Theme. Congratulations!

👍 Ashok Maharjan and 28 others

8 comments



👍 Like

💬 Comment

➦ Share



IRDR

Integrated Research on Disaster Risk

Website and Social Media Update

Please review the [Terms of Reference](#) governing NCs and RCs within the IRDR programme. If you have any questions send us an email at connect@irdrinternational.org.

IRDR Website (May to Nov 5)

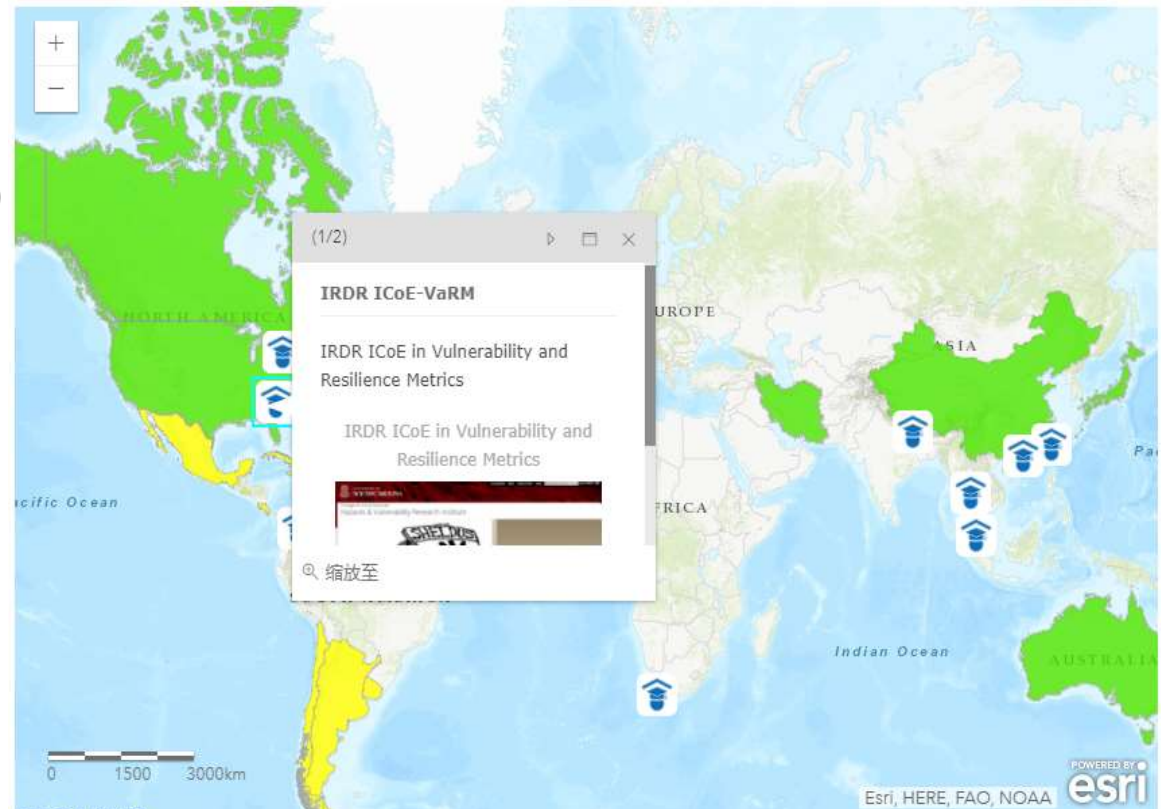
- * Total View: 41k

Facebook Page (August to Nov 5)

- * Total reach: 39k
- * Total Impressions: 65k
- * New follower: 168

Twitter (August to Nov 5)

- * Twitter impressions: 18k
- * Profile visits: 1.5k
- * New follower: 58



Interactive Map of IRDR network

Upcoming Activities

- 1. Knowledge Action Network (KAN) Scoping Workshop, 22 Nov 2017, Tokyo**
- 2. Global Forum on Science and Technology for Disaster Resilience, 23-25 Nov 2017, Tokyo**
- 3. The 2nd Asian Science Technology Conference for DRR, 17-18 Apr 2018, Beijing**
- 4. The Asia Ministerial Conference for DRR, 2018 (TBC), Mongolia**

Toward 2020 and beyond

- **Continuation of IRDR programme implementation**
- **IRDR legacy and re-capitalization – publications, tools, training packages, knowledge networks by 2020**
- **IRDR Strategic Plan (2020-2030): Time to look beyond 2020 on IRDR's niche, roles and contributions toward the Sendai Framework for DRR and the Agenda 2030 on Sustainable Development and Paris Agreement on Climate Change**
 1. A new IRDR Science Plan
 2. Contributions toward the most important global conventions and initiatives
 3. Analyses of current knowledge and action gaps
 4. Regional perspectives and priorities in DRR

Thank you for your attention

connect@irdrinternational.org

www.irdrinternational.org