**12th Meeting of the IRDR Science Committee**

**ICSU Secretariat, Paris, France, 13-15 November 2014**

**Summary Report**

**Documentation**

Documents prepared for and tabled during the SC meeting, as well as the presentations given during the meeting, are listed in annex 1 and are available for download from the SC Members’ page on the IRDR website, <http://www.irdrinternational.org/sc-members-zone/sc12-november-2014-paris-france/>.

**Attendance**

* ***IRDR SC Members:*** Djillali Benouar; Jörn Birkmann; Ann Bostrom; Sálvano Briceño; Omar Darío Cardona; Susan L. Cutter (Vice-Chair); S.H.M. Fakhruddin; Virginia Jiménez Díaz; David Johnston (Chair); Shuaib Lwasa; Anthony Oliver-Smith; Mark Pelling; Kuniyoshi Takeuchi (Vice-Chair); and Sisi Zlatanova.
* ***Ex officio members:*** Qiang Feng (representing Huadong Guo - RADI); Feng Min Kan (UNISDR); Peter Liss (ICSU; only for Items 9 and 11, with Rohini Rao); Anne-Sophie Stevance (ICSU; only for item 4); and Vivi Stavrou (ISSC).
* ***IRDR IPO:*** Charina Cabrido (CO); Rüdiger Klein (ED); Lang Lang (AO); and Kerry-Ann Morris (JSO).
* ***Invited guests:*** Frans Berkhout (Future Earth); Ian Burton (Univ. of Toronto); Julie Calkins (UKCDS); Daniele Ehrlich (JRC; IRDR DATA project co-chair); Ailsa Holloway (IRDR ICoE-REaL); Christine Kenney (JCDR, Massey University/GNS Science); Tony Liu (IRDR ICoE-Taipei); Nanette Lomarda (WMO: WWRP - SERA); Shih-Chun Candice Lung (IRDR ICoE-Taipei); Alexandros Makarigakis (UNESCO); Virginia Murray (UNISDR STAG); Marcus C. Oxley (GNDR); Kevin Ronan (IRDR Australia); and Johanna Suikkanen (UNEP-DTIE).

**Apologies*:*** Irasema Alcántara-Ayala (Vice-Chair).



**Item 1: Approval of the Agenda**

The SC Chair welcomed SC members, reminded them of the Terms of Reference governing SC membership, and invited members to work closely with the IPO during the three days of the meeting to ensure the compilation of all relevant information for the 2014 Annual Report.

The SC Chair asked the ED to present the agenda for the meeting. SC members were invited to comment on the agenda prior to the meeting; however, no written comments were received.

**Attachments:**

* 1. Practical Arrangements for the 12th IRDR SC meeting
  2. Agenda for the 12th IRDR SC meeting
  3. List of Participants for the 12th IRDR SC meeting
  4. Terms of Reference of the IRDR SC members

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| **Decisions:**   * 1. The SC approved the agenda, adding the items: IRDR Conference 2016; IRDR ICoE-RIA (London); and moving Item 8 (Communications Plan) to Day 3.   2. The SC decided to advance the reporting from the WG break-out (Item 3), as S. Cutter and D. Ehrlich and S. Zlatanova (reporting on AIRDR and DATA respectively) would be unable to attend the strategy session on Day 3. |



**Item 2: Approval of 11th SC Meeting Report**

The SC Chair presented the draft report of the 11th SC meeting, which was circulated prior to the meeting. No requests for modifications were received.

1. **Review of actions decided on at the 11th SC meeting**

The SC Chair invited JSO K. Morris to give an overview of actions decided at the 11th SC meeting and contained in the meeting report.

One set of comments focused on the redesign of MoUs with IRDR International Centres of Excellence (ICoEs), insisting on respect for Terms of Reference (ToRs) including finance, activity reports, establishment of an International Advisory Board, etc.

Another set of comments touched upon the interactions with the Future Earth (FE) programme. Considering the potential for synergies, the SC requested that ICSU propose a mutual representation (observership) of its programmes on their respective Science Committees to ensure an adequate level of inter-programme collaboration. It was suggested that this request be supported by both Co-Sponsors concerned: ICSU and ISSC.

**Attachments:**

1. Draft Meeting Report of the 11th IRDR SC meeting
2. Overview over actions decided on at the 11th IRDR SC meeting

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| **Decisions:**   1. The SC approved the report of the 11th SC meeting. 2. The SC requested that the Chair and ED approach ICSU and ISSC requesting that the Co-Sponsors interact with the Future Earth (FE) governance structures with the aim to introduce a mutual representation on Science Committees between FE and IRDR.   **Actions**:  Re 2.2.: SC Chair / ED will approach the Co-Sponsors requesting them to interact with the Future Earth (FE) governance structures with the aim to introduce a mutual representation on Science Committees between FE and IRDR. |



**Item 3: IRDR Working Groups’ Planning Meeting**

The IRDR DATA, FORIN and RIA projects’ Working Groups (WG) met to conduct short informal self-assessments of their progress in order to proceed to WG forward-planning. The ToRs for this meeting suggested that discussions include a review of WG composition and format, its past, ongoing and future activities, networking and dissemination, and application of results. SC members were sent a guidance note for this session, which also listed desired outcomes, and were given a very short briefing on the financial situation. To the extent possible, SC members as yet not involved in WGs (and representatives of other IRDR bodies present), joined the break-out groups. The SC Chair joined the RIA WG.

Presentations from the reporting session are available for download from the SC Members’ page on the IRDR website, <http://www.irdrinternational.org/sc-members-zone/sc12-november-2014-paris-france/>. The session did not produce answers to all questions under the ToR (notably on WG composition) and did not proceed to generate elements for a prioritisation of use of resources.

1. **Reports from Project Working Groups**

The following WG report summaries cover activities from June to November 2014, as well as ongoing and future activities, to the extent that they were reported.

1. **Assessment of Integrated Research on Disaster Risk (AIRDR)**

***Reporting***

* Published the project’s first report: *Guide to Assessing Integrated Research on Disaster Risk (IRDR AIRDR Project Report No.1)*.
* Co-authored synthesis paper by ICSU Ad-Hoc Expert Group on disaster risk assessment: *Disaster Risks Research and Assessment to Promote Risk Reduction and Management*.
* Conducted, in co-operation with IRDR ICoE-VaRM, three research reviews for the 2015 Global Assessment Report on Disaster Risk Reduction (GAR15):
  + *Incentives for Disaster Risk Management (IRDR AIRDR Report No.2)*;
  + *Transformative Development and Disaster Risk Management (IRDR AIRDR Report No.3); and*
  + *Governance in Disaster Risk Management (IRDR AIRDR Report N 4)*.
* Submitted an article to the International Journal of Disaster Risk Reduction: *Integrated Research on Disaster Risk: Is it Really Integrated?* by Melanie Gall, Khai Nguyen, and Susan L. Cutter. At the time of reporting, the article was still under review.

***Planning***

Co-chair S. Cutter reminded SC members that they need to take action on developing or closing the project, as she will be stepping down from her position as SC vice-chair soon.

1. **Disaster Loss Data (DATA)**

***Reporting***

* Reviews of the project’s first report (*Peril Classification and Hazard Glossary;* March 2014) by the World Meteorological Organization (WMO). Further reviews were solicited from relevant stakeholders in attendance at the 2nd IRDR Conference in June 2014 and at the “Understanding Risk” Forum (London, July 2014), as well as from IRDR China experts
* Presented the results in the following events:
  + Meeting with EU Loss Data experts (Brussels, Belgium, 23-24 October 2014), which aimed at reviewing the progress and defining a roadmap towards EU guidelines and minimum standards for recording disaster loss data, and to evaluate the IRDR *Peril Classification and Hazard Glossary* as a tool in its development (attended by co-chairs D. Ehrlich and S. Zlatanova).
  + First meeting of UNESCAP-convened Expert Group on Disaster-related Statistics in Asia and the Pacific (Sendai, Japan, 27-29 October 2014). Participating countries agreed to use the IRDR peril classification as a benchmark and to compare/review peril classifications currently in use (attended by co-chair D. Ehrlich).

***Planning***

The co-chairs requested support for upcoming working group meetings to discuss the revision of the IRDR *Peril Classification* and new work on human and economic indicators. The aim is to have a new publication on human and economic loss elements for disaster loss databases ready in time for the Sendai conference.

1. **Forensic Investigations of Disasters (FORIN)**

***Reporting***

* Held FORIN review workshop (Paris, France, 10-12 November 2014). UNISDR provided funding support for this workshop with the aim of producing input for the 3rd WCDRR.

***Planning***

The WG will continue the revision of the FORIN template (FORIN 2.0), further explore a proposed FORIN project on Haiti (as suggested at several previous SC meetings), and pursue discussions to establish a workshop series in cooperation with UNU-EHS (as mentioned at the 10th and 11th SC meetings in 2013).

*N.B. (post meeting note):*

*Irrespective of the progress of FORIN 2.0, WG member Ian Burton and SC Vice-Chair Susan Cutter decided to take it upon themselves to organise the publication of a FORIN brochure that would showcase practical examples with results of the FORIN analytical framework.*

1. **Risk Interpretation and Action (RIA)**

* Completed its UNISDR-commissioned report for the development of GAR15, *Pathways for Transformation: Disaster risk management to enhance development goals*. The report analyses the current understanding of the relationship between incremental and transformative risk management via several in-depth case studies of decision-making on climate change adaptation and DRR, which addressed root causes of risk.
* Published in Australasian Journal of Disaster and Trauma Studies (AJDTS) (see: <http://trauma.massey.ac.nz/issues/2014-1/AJDTS_18-1_Doyle.pdf>) an article summarising early results from collaborative projects of RIA’s World Social Science (WSS) Fellows.

***Planning***

The WG will continue to expand the RIA community, notably by considering the establishment of sub-working groups on Children and Youth and on Indigenous Peoples. Attention will also be paid to gender dimensions, early warnings systems, and further knowledge exchange approaches and evaluations are also on the agenda.

**Generalisable comments on WG structures:**

* Thematic sub-working groups with recognisable leaders can be positive in terms of widening the network (*vide*: RIA’s proposed sub-working groups; DATA’s considerations of a dedicated group to work on economic and indirect loss indicators; the *de facto* underlying structure of the original AIRDR project [regional specialisation]).
* The inclusion, in the WG, of delegates from IRDR bodies (ex.: Japan wishing to join DATA; SC members and workshop participants and others wishing to join FORIN, etc.) would, in the same vein, expand and strengthen the network, demonstrate inclusiveness, and open up more avenues for implementation.

**Attachments:**

1. Guidance Note: IRDR Working Groups Meetings
2. ICSU Science Plan for IRDR
3. IRDR Strategic Plan 2013-2017
   * 1. Work Plans of the DATA, FORIN, RIA Working Groups
     2. Background material for DATA:

* EU Disaster Loss Data Meeting, 23-24 October 2014: Agenda and Concept Note
* Agenda and concept note, UNESCAP First Meeting of the Expert Group on Disaster-related Statistics in Asia and the Pacific, Sendai, 27-29 Oct 2014
* CODATA Task Group - “Linked Open Data for Global Disaster Risk Research” (LODGD)
  + 1. Background material for FORIN:
* Editorial in upcoming issue of *International Journal of Disaster Risk Reduction* by Ian Burton: “The forensic investigation of root causes and the post – 2015 framework for disaster risk reduction”
* Progress Report and Proposals on FORIN to Sendai PrepCom 2
* A Review of the FORIN Methodology and Existing FORIN Case Studies (July 2014)
* Concept Note: A FORIN Disaster Research Workshop Programme
  + 1. Background material for RIA:
* Pathways for Transformation: Disaster risk management to enhance development goals (2014)

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| **Decisions:**   1. The SC noted the WG reports and complemented AIRDR, DATA and RIA for the completion of publications. 2. The SC observed that the reports comprised some elements for WG forward-planning, but that they did not lend themselves for a programme-wide prioritisation of use of resources as foreseen under the meeting agenda for discussions on meeting day 3. 3. The SC noted that the WGs had refrained from addressing in detail their respective compositions.   **Actions**:  Ad 3.3.: The SC will discuss the composition of WGs at its next meeting. |



**Item 4: Networking and Partnership Session**

1. **Introduction: IRDR and the Policy Context (HFA2)**

An update on developments was given by the ex-officio delegates from UNISDR and ICSU, with a commentary from UNISDR STAG and IRDR IPO. The ample documentation provided in the SC meeting coversheets and in the respective attachments served as summary and background material for these updates.

It was reported that in autumn 2014, ICSU and IRDR had consulted members and stakeholders on the zero-draft for the new intergovernmental agreement on DRR, and that the STMG had been working with other Major Groups towards a joint statement. IRDR had submitted a proposal for a public forum session where all WGs/core projects would be able to present themselves. IRDR would also be involved with ICSU, other UN agencies, government delegations etc., in a Working Session on “Applying Science and Technology to DRR” in the multi-stakeholder segment of the 3rd WCDRR. The focus of this session was expected to be on “commitments,” i.e. tangible and sector-specific contributions towards the HFA2 objectives. At the time of the meeting, the discussion about the exact nature and messaging of the session was still in the early stages.

Anne-Sophie Stevance from ICSU presented a number of opportunities where IRDR could make a substantial contribution in the policy domain and/or at the science and policy interface:

* + 1. ***Review of the SDGs***

ICSU, working with ISSC and other partners, put together a group of experts to conduct a scientific review of the 17 goals and 169 targets proposed by the UN Open Working Group. The aim is to assess, for each of the proposed goals and their associated targets, whether they are based on the state of the art scientific knowledge and to recommend science-based changes, particularly improvements related to the targets associated with each goal. The deliverable will be an estimated 40-page report, including two pages for each of the 17 goals, following a common template to be finalised by the end of December 2014, in time to inform the negotiations on the Sustainable Development Goals and the post-2015 Development Agenda starting in January 2015.

Disaster risk is mentioned in targets under the following five goals:

* Goal 1: End poverty, in all its forms everywhere.
* Goal 2: End hunger, achieve food security and improved nutrition, and promote sustainable agriculture.
* Goal 3: Ensure healthy lives and promote well-being for all at all ages.
* Goal 11: Make cities and human settlements inclusive, safe, resilient and sustainable.
* Goal 13: Take urgent action to combat climate change and its impacts.

ICSU would like for one expert to contribute to the review of these goals on the disaster risk aspect, working with the authors responsible for each of these goals. Each group of authors has been asked to produce a first draft of their respective chapters by 28 November 2014.

* + 1. ***Global Sustainable Development Report (GSDR)***

The GSDR is a United Nations publication supporting the deliberations of the newly formed High Level Political Forum on sustainable development. The GSDR is published every year ahead of the HLPF meeting to address sustainable development issues and nexus; every four years, an in-depth report will be launched. The report adopts an assessment of assessments approach, description of the state of the art on a number of thematic and nexus issues relevant to sustainable development. For the 2015 report (to be published in June 2015), a chapter will be dedicated to disaster risk reduction: cross-cutting issues in the context of the SDGs. Direct engagement between IRDR and the UN team in charge of this chapter is already planned to help discuss the scope of the chapter.

Broader engagement from the IRDR community is possible through the call for contributions launched by the UN with a deadline of 31 December 2014. Contributions are requested in the form of briefs summarising or highlighting the most salient findings or arguments. The briefs should be less than 1,500 words with references possible to research paper.

More information and guidelines for submissions are available here: <http://sustainabledevelopment.un.org/gsdr2015.html>.

* + 1. ***International Science Conference “Our common future under climate change” 7-10 July 2015, Paris***

A major international conference entitled “Our Common Future Under Climate Change” will take place on 7-10 July 2015 in Paris, at UNESCO ahead of the UNFCCC 21st Conference of the Parties that is expected to adopt a new climate agreement. The science conference will discuss the IPCC findings and new research since the publication of AR5, with a strong focus on solutions as well as considering climate adaptation and mitigation in the broader context of global environmental change.

The conference will be structured around four broad themes:

* State of knowledge on Climate Change
* Scenarios Exploring Our Common Future
* Responding to Climate Change Challenges
* Collective Action and Transformative Solutions

A call for parallel sessions is now open with a deadline to submit proposals on 30 November 2014. For more information and to submit a session, please visit the conference website: [www.commonfuture-paris2015.org/](http://www.commonfuture-paris2015.org/). The conference will be chaired by Professor Chris Field and is being organised by a broad partnership of French (CIRED, CNRS, IDDRI, INRA, IPSL, IRD) and international institutions (ICSU, Future Earth, UNESCO). It is expected to bring together over 1,000 scientists and other stakeholders.

**Attachments:**

1. Science and Technology (S&T) Community Major Group (STMG/MGST) statement at Prepcom 1, 14-15 July 2014
2. Outcomes of PrepCom 1, 14-15 July 2014, Geneva: Key outcomes for Science and Technology
3. Brief of the ICSU Ad Hoc Expert Group on Hazards and Disasters (Synthesis Paper)
4. Pre-Zero Draft of the Post-2015 Framework for Disaster Risk Reduction
5. S&T Major Group Summary of Comments on the Pre-Zero-Draft
6. IRDR Independent Statement on Pre-Zero Draft
7. Statements from the Science and Technology (S&T) Major Group at open-ended informal consultative meetings by the co-Chairs of the WCDRR Preparatory Committee

* 19 September 2014 – S&T Major Group Statement
* 18 September 2014 – S&T Major Group Statement

1. STMG Non Paper: “How the science and technology community can be strengthened for implementation of the post-2015 framework for disaster risk reduction”
2. Meeting on Proposal from the S&T Community to Strengthen Science in the Post-2015 DRR Framework, Paris, 1 October 2014
3. Summary of discussions with WCDRR Co-Chairs, 2 October 2014 (“Thank you Letter”)
4. Proposed “revised approach” for incorporating science into HFA2
5. Zero-Draft of the Post-2015 Framework for Disaster Risk Reduction
6. Chart of the Zero-Draft of the Post-2015 Framework for Disaster Risk Reduction
7. **Partners on the Science and Technology Major Group (STMG)**

A brief overview was given by SC member K. Takeuchi of the preparations for the Tokyo Conference on International Study for Disaster Risk Reduction and Resilience, including the Tokyo statement, and how this conference would be reinforcing the efforts of the STMG on strengthening the role of science and technology under HFA2.

Following the issuing of the London Statement in March 2014, which called for the establishment of an international scientific advisory mechanism for decision-making in DRR, efforts were made to accompany the ongoing debates on better interfaces between science and policy-making with evidence on existing practices.

A report was given by Julie Calkins from the UK Collaborative on Development Sciences (UKCDS), of the analysis conducted through two projects commissioned by UKCDS and the Overseas Development Institute (ODI) on national mechanisms to link scientific knowledge and decision-making in DRR, and on the functioning of global and international scientific advisory mechanisms in other domains.

**Attachments:**

* + 1. Draft Agenda: Tokyo Conference on International Study for Disaster Risk Reduction and Resilience, 14-16 January 2015
    2. Draft Tokyo Statement

1. **IRDR in 2014 (Short presentation for the benefit of partner organisations)**

The SC Chair and project co-chairs gave brief introductions into the programme structure and projects. Representatives of ICoEs gave a short overview over their current and envisaged activities and international networks, while the SC Chair and ED succinctly referred to the role of National and Regional Committees, reporting on the main results of the recent consultative meeting with NCs and RCs (see below Item 5), and referring to regional activities on hazards and disasters (e.g. ICSU’s and UNISDR’s Regional Offices) linked to the programme.

**Attachments:**

1. Composition of the ICSU ROAP Steering Group
2. Minutes, Steering Group on Natural Hazards and Risk for the AP Region 27-28 April 2014
3. Composition of the ICSU ROA Consortium on Hazards and Disasters
4. Document about the ICSU ROA Consortium
5. Swedish/Africa Consortium-Building Workshop Programme, 31 October 2014
6. Composition of the ICSU ROLAC Steering Group for DRR (check name)
   * 1. Programme of the Central American Workshop on Natural Disasters, Volcanic Risks etc., 19-20 November 2014
     2. Statements from UNISDR Regional Platforms 2014
     3. UNISDR Workshop on Risk-Sensitive Investment, Bangkok, 15-17 October 2014
     4. UNESCAP: Agenda and concept note, UNESCAP, Sendai, 27-29 Oct 2014
7. **Partnerships**

A short introduction was given on the principles of IRDR partnerships with other scientific, intergovernmental, NGO and civil society organisations. Reference was made notably to the notions of co-design of research, societal impact and advisory roles for science in policy-making. In this context, the synthesis report was mentioned that is being prepared by experts appointed by ICSU, ISSC and IRDR and that will focus on the state-of-the-art of integrated disaster risk research and formats for interaction with policy-making. Also the UN system of Major Groups for structured exchange with civil society on major issues in global governance in environmental policy was presented.

It was suggested that this partnership session could also be seen as a step towards future Consultative Fora and Sendai follow-up activities.

Delegates from partner organisations and civil society networks gave presentations of their ongoing activities of relevance to DRR and of new or anticipated activities under HFA2, suggesting, where appropriate, specific areas and formats for collaboration. The presentations can all be found on the meeting website, <http://www.irdrinternational.org/sc-members-zone/sc12-november-2014-paris-france/>.

* **Network for Social Studies on Disaster Prevention in Latin America (LA RED):** collaboration in mapping DRR science in Latin America and the Caribbean; proposed FORIN project on Haiti 2010 earthquake.
* **UK Collaborative on Development Sciences (UKCDS):** continued collaboration with IRDR, as a member of the STMG, to mobilise international science in the development of a post-2015 framework for disaster risk reduction.
* **United Nations Environment Programme Division of Technology, Industry and Economics (UNEP-DTIE):** open to collaboration with IRDR ICoEs (e.g.: ICoE CR) via their Awareness and Preparedness for Emergencies at Local Level (APELL) programme, which focuses on capacity building the capacity in developing countries.
* **United Nations Educational, Scientific and Cultural Organization (UNESCO):** through its many DRR-related programmes and activities, all open for future cooperation with IRDR.
* **UNISDR Scientific and Technical Advisory Group (UNISDR STAG):** open invitation for IRDR to contribute case studies to the new UNISDR STAG report.
* **WMO’s WWRP Working Group on Societal and Economic Research and Applications (WG SERA):** possible collaboration with IRDR on their High-Impact Weather Prediction and Sub-seasonal to Seasonal (S2S) Prediction projects.

1. **IRDR Consultative Forum**

At the end of the session, the SC and guests briefly discussed the function of a “Consultative Forum” for IRDR. It was recalled that such a forum should serve primarily to refine the research agenda and not constitute an additional policy arena. Given the recent emphasis put on co-design of research by all three Co-Sponsors, and also the positive reactions from other Major Groups to this approach, Consultative Fora could be designed as platforms for broad stakeholder interaction with the research process in order to advance the co-design of IRDR research.

**Attachments:**

* + 1. Joint Statement of the UN Agencies to PrepCom1
    2. Joint Statement of the UN Agencies the open-ended informal consultative meetings - 2 October 2014
    3. MoU IRDR/WMO WWRP/WG SERA
    4. Report of the 4th Meeting of the WWRP WG SERA, 21-22 August 2014
    5. UNEP (2014). Promoting Ecosystems for Disaster Risk Reduction and Climate Change Adaptation: Opportunities for Integration.
    6. UNISDR STAG Platform and Network Survey (April 2014)
    7. UNISDR Call for Contributions / Case Studies to STAG Report 2014
    8. UN System of Major Groups
    9. Draft joint statement of Major Groups (to be tabled – will only be ready just before PrepCom2)
    10. GNDR Comments on Pre-Zero Draft - 8 August 2014
    11. References to Consultative Forum in the Science Plan (ICSU 2008)

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| **Decisions:**   1. The SC noted the reports and congratulated the IPO for its strong engagement with the Sendai process. The IRDR Public Forum session should contribute to a better recognition of IRDR in the global scientific community. 2. The SC noted the presentations given by partners; individual SC members expressed interest to proceed to engage with the presenters on specific collaborations. 3. The SC requested that steps be taken for a better coordination with regional activities (ICSU Regional Offices and UNISDR Platforms). 4. The SC requested that language be found that would articulate the differences between scientific advice and advocacy, as interactions between Major Groups intensify around the concepts of co-design, co-production and co-delivery of knowledge. 5. The SC welcomed interactions with the multitude of relevant scientific networks endorsed by UN agencies as part of the coordination effort in the run-up to the 3rd WCDRR. 6. The SC welcomed, in general, the idea of conceiving the Consultative Forum as a platform for co-design of research with partner organisations. Detailed discussions on format, timing and funding would need to take place at a later stage.   **Actions**:  Ad 4.1: IPO to promote the IRDR Public Forum session and to report widely on IRDR presence at 3rd WCDRR.  Ad 4.3: IPO to ensure regular flow of information between programme and regional platforms, identifying contact persons and delegates.  Ad 4.4: IPO and organising group for the consultative forum to work on appropriate language to frame the forum in terms of co-design for research.  Ad 4.6: The SC will discuss a proposal for the format, timing and funding of a Consultative Forum at its next meeting. |



**Item 5: Report from NC Workshop**

The SC Chair and ED reported on the meeting of IRDR NCs hosted by UKCDS at the Wellcome Trust, London/UK, on 11-12 November 2014. The meeting was a result of discussions at earlier SC meetings. For instance, comments were received from IRDR Japan about the desirability and need to expand the network of IRDR NCs; requests from interested parties in other countries (UK) to have a better sense of the operations and remits of different NCs and hence the potential for collaborations; and a request from UNISDR to better connect national S&T communities with the existing and emerging UNISDR multi-stakeholder National Platforms. The RC for Latin America and the Caribbean could not attend, but the chair of the ICSU regional consortium for Africa on natural hazards and disasters did join from Sweden thanks to a co-funded travel grant.

Participants informed each other on their respective governance structures, mandates and missions; shared information on their memberships, core interests and ongoing and planned projects; and reported on their roles in connecting non-academic stakeholders to DRR science. They discussed different approaches to develop the complex relationship of science, practitioners, policy environments and society at large, and assessed their different ways of liaising with UNISDR’s National Platforms. They briefly revisited the ToRs for IRDR NCs/RCs in the light of the presentations and found they were appropriate as far as requirements under the Hyogo Framework were concerned. They also articulated and developed perspectives and ideas for future joint activities with a view to better connecting IRDR-related activities at all levels in the context of the HFA successor framework.

NCs reported that they had very different forms and levels of involvement in the process leading up to the 3rd WCDRR: while some were incorporated into their respective national delegations to Geneva (e.g. Germany), others felt they were too distant from their respective governments to provide input. Some NCs and RC were represented on the ICSU-organised Major Group delegation to the 3rd WCDRR PrepComs (e.g. Australia and ICSU ROLAC).

The NCs expressed interest to work more closely with ICoEs and SC members in their respective countries. Options were also explored to better connect with ongoing regional activities in both the ICSU and UNISDR networks.

An outcomes document is being prepared that will list a prioritised list of action points for collective coordinated activities, including support for integrated research and proposed efforts for network expansion (“mentors”), and joint exploration of funding opportunities.

SC members reacted to the oral reports by expressing their hope that NCs would serve as platforms for improving science communication on DRR science and, more generally, for strengthening the interface between research, policy and practice. It was suggested that the IRDR Japan experience showed the importance of NCs in the promotion of “implementing science.” The SC Chair also recalled the importance of regional coordination mechanisms, such as ICSU ROLAC’s Regional Expert Committee on Hazards and Disasters or the various initiatives currently underway in Africa (incl. IRDR ICoE REaL – PeriPeriU).

Finally, the SC concurred that all such bodies that are being created by and incorporated into IRDR ought to, as their main objective, strengthen the science of Integrated DRR, which continued to be a major challenge. Some SC members suggested that capacity building activities (across sectors?) might be a core activity of NCs. A dedicated communications plan ought to be developed to promote IRDR in universities and other academic institutions and among funders. Experiences show that often research institutes, with their disciplinary structures, are better able to rise to this challenge than traditional universities. ICSU ROLAC had commissioned a report of the state of integrated DRR science in Latin America and the Caribbean, the first draft of which was to be presented at the upcoming ICSU ROLAC expert committee meeting.

SC members suggested NCs should also involve national funding organisations, as was the case, for example, in UKCDS. It was hoped that such a dialogue with funders would be triggered by the recommendations expected to emerge from the 3rd WCDRR. It was also suggested that events be held at ICoEs, featuring key elements of IRDR’s work, that would also attract NC members.

**Attachments:**

1. 1st IRDR NC Meeting Agenda

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| **Decision:**   1. The SC welcomed the oral reports on the successful meeting. They expressed hope that such dedicated NC meetings would ultimately strengthen close interactions between NCs and the programme. 2. The SC requested more structured reporting from NCs and other IRDR bodies that would allow for better forward planning of joint activities. 3. The SC congratulated ICSU ROLAC for the initiative to conduct a mapping exercise, and requested that connections with AIRDR be explored, here and elsewhere.   **Actions**:  Ad 5.2: IPO to remind IRDR of need for structured reporting prior to SC meetings.  Ad 5.3: IPO and all IRDR bodies to explore possibilities for regional applications of the AIRDR analytical framework. |



**Item 6: IRDR ICoEs**

1. **Reports/Previews from ICoEs**

Activity reports were given for the reporting period (June 2014 to November 2014) by representatives of the current ICoEs. Guidelines on the structure for the presentations (with reminders of the ToRs and references to forward planning) had been circulated by the IPO prior to the meeting.

1. **IRDR ICoE-Taipei**

***Reporting***

* MoU between the ICoE and ICSU was extended for another five years (2015-2020). The ICoE will continue supporting IRDR-related international scientific activities and requested greater coordination between the IAB and the SC.
* 20 October 2014: Annual meeting of the International Advisory Board. D. Johnston and K. Takeuchi, R. Klein attended as IRDR representatives.
* 2-8 November 2014: co-sponsored by ISSC, the National Taipei University and the IRDR ICoE-Taipei, the WSS seminar on sustainable urbanisation was attended by 18 early career social scientists from 14 countries. The seminar combined an interactive workshop approach with roundtable discussions on aspects of sustainable urbanisation.
* Continued promotion and coordination of domestic IRDR-related research projects: mega-seismic risk and multi-geological disasters in Taipei; impact of climate and land use change on environmental hazards and adaptation; vulnerability assessment for heat wave and relevant adaptation strategy recommendations; and Open Information Systems for Disaster Management.

**N.B.:** Initially scheduled for October 2014 in Taipei, the 2nd FORIN Advanced Institute had to be postponed until a time in 2015, as the revised FORIN 2.0 framework had not been completed.

***Planning***

* 8-14 December 2014: the 4th Psychological Intervention after Disasters (PIAD) workshop, (the first in a second series to be held between 2014 and 2017) will be held in Mianyang, China, co-sponsored and co-organised by International Union of Psychological Science (IUPsyS) with the support of the ICoE, ICSU-ROAP, the Chinese Psychological Society, United Nations University, and the Center for Applied Developmental Science.
* 30 March to 3 April 2015: proposed dates for the ICoE five-day Advanced Institute on Disaster Risk and Loss Reduction, targeting 15-20 young to mid-career researchers and practitioners from Southeast Asia. The call for applications will be published in December 2014.
* As a core partner of the Pan-Asia Risk Reduction (PARR) programme, the ICoE is currently involved in the pilot phase of PARR’s Fellowship programme, which began in July and continues until December 2014. The initial focus of the Fellowship programme is on urban disaster risk and vulnerability under global environmental change. Four PARR Fellows were studying at NCDR in Taipei. The PARR offers unique research, training, and educational opportunities to Asian scientists, practitioners and policy-makers to enhance their capabilities for advancing and applying knowledge on critical issues of vulnerability and risk.

1. **IRDR ICoE in Vulnerability and Resilience Metrics (IRDR ICoE-VaRM)**

***Reporting***

* Continued its support of the AIRDR and DATA project WGs:
  + Supporting AIRDR in its bibliometric study on integrated research on disaster risk, and also in the literature reviews commissioned by UNISDR for the development of GAR15 (see AIRDR reporting above); and
  + Supporting DATA by testing the implementation of the IRDR peril classification on the US’s SHELDUS database.
* June 2014: poster presentation given at the Annual Natural Hazards Workshop held in Boulder, Colorado, USA.
* Expert feedback/consultation provided to the UNISDR’s informal working group on loss and damage for potential outcome indicators for monitoring progress under the post-2015 framework for DRR); and to Rockefeller Foundation on measuring resilience in their “100 Resilient Cities Initiative”.
* November 2014: hosted a doctoral student from the University of Salzburg for one week.
* S. Cutter, the Centre’s Director, presented a keynote address at the US National Research Council’s Workshop on Measures of Community Resilience.

***Planning***

The Centre will continue to support the DATA project in the completion of the Human Indicators guidance document. In January 2015, the Centre’s Director will participate in the Tokyo Conference representing IRDR, and will also contribute as a Jury Member for the 2015 RISK Award.

1. **IRDR ICoE in Community Resilience (IRDR ICoE-CR)**

***Reporting***

* July to September 2014: hosted a PhD student from the School of Architecture and Urban Planning, Shahid Beheshti University, Iran, to examine the relationship between sustainability, resilience, sense of community and residential urban areas design.
* 26 September 2014: co-hosted, the “Community Resilience Knowledge Sharing Workshop,” as part of the 7th Australasian Natural Hazards Management Conference 2014, held in Wellington, bringing together 40+ researchers and practitioners from across the region to explore the issue of inter- and across-agency knowledge sharing for building community resilience.
* Collaborated with the Wellington Region Emergency Management Office (WREMO) to develop an online community Resilience Toolbox as a vehicle to collaborate on ideas and tools that build resilient communities, see: <http://www.resiliencetoolbox.org/>.

1. **IRDR ICoE in Understanding Risk & Safety (IRDR ICoE-UR&S)**

***Reporting***

IRDR ICoE-UR&S contributed to the development of GAR15 by updating the Global Risk Model its home institution had developed for GAR13. The ICoE’s contribution to GAR15 also included:

* A fully probabilistic earthquake and tropical cyclone (wind + storm surge) hazard and risk assessment at global level
* Computing the Loss Exceedance Curve and other probabilistic risk metrics using the Comprehensive Approach to Probabilistic Risk Assessment (CAPRA) Platform.
* Calculation of Hybrid Loss Exceedance Curves to reflect extensive and intensive risk.
* Examples of risk evaluations at local level for earthquake, tropical cyclones, floods and volcanoes.
* Country risk profile based on coarse-grain information for risk awareness and comparison among countries.
* Development of a good-enough risk assessment methodology to replicate the global approach at the local level.

The Centre’s Director, O. Cardona, presented these contributions on a number of occasions, including at the Global “Understanding Risk” Forum in July 2014 in London, and also at the Second European Conference on Earthquake Engineering and Seismology in Istanbul, Turkey in August 2014.

***Planning***

* November 2014: the Director will give the keynote address at the 10th Multi-hazard International Symposium of the Association of Pacific Rim Universities (APRU) at Santiago de Chile.

1. **IRDR ICoE for Risk Education and Learning (IRDR ICoE-REaL)**

***Reporting***

* Approved by the SC in June 2014, IRDR ICoE-REaL will be establishing its international advisory committee and generating a work plan that identifies focal areas for collaborative and individual research.
* Currently completing a programme evaluation and also working on a new proposal for submission to the United States Agency for International Development (USAID), the Centre’s primary funders.

***Planning***

* Will hold a side event at the 3rd WCDRR, jointly organised with the Asian University Network of Environment and Disaster Management (AUEDM).
* Is involved in the establishment of a Centre for humanitarian logistics, supported by Kuhne Foundation.
* Plans to hold a consultative meeting in June/July 2015 at Bahir Dar University in Ethiopia.

1. **Previews of Plans for ICoEs**

Presentations were given on planned ICoEs: in the UK the proposed IRDR ICoE-RIA, focused on a London-based consortium of institutes focusing on the RIA-framework; and in Germany a consortium that might focus on critical infrastructures.

M. Pelling presented a proposal for an ICoE based in London, UK focusing on the four priority areas of and supporting the IRDR RIA project by consolidating research initiatives across the spectrum of disaster risk reduction (DRR) and climate change adaptation (CCA) within King's College London (KCL) and its Centre for Integrated Research on Risk and Resilience (CIRRR), the University College London and the London Schools for Hygiene and Tropical Medicine.

J. Birkmann presented ideas for a draft proposal for an ICoE focusing on critical infrastructures that would be composed of several university institutes in Germany, complementary in their expertise, and that would also rely on close cooperation with the existing IRDR NC Germany.

A short account of elements for a planned IRDR ICoE in Canada was given by the ED, based on electronic exchanges with the proposal leader.

SC members urged proposers to reflect on the specific thematic focus of their centres (e.g. in the case of London, which RIA aspects would be covered?). In the case of university consortia, SC members felt it was important that measures be taken for the Centres to operate as hubs not just internationally, but that they also offer collaboration options for academics from other universities, also domestically.

**Attachments:**

1. Guidance notes for reporting
2. ICoE Terms of Reference

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| **Decisions:**   1. The SC noted the ICoE reports, commented on structures and progress, and recommended more generally that a stronger promotion of the ICoEs as international hubs of specific subsets of IRDR expertise be attempted (e.g. by full integration into the IRDR Communications Plan). 2. The SC noted the three new initiatives for ICoEs. It was decided that the IRDR ICoE RIA London proposal was mature enough to be voted on and, on day three of the meeting, was approved. The German and Canadian proposals needed further work and were invited to submit a full proposal for consideration at the next SC meeting.   **Actions**:  Ad 6.1: ICoEs are invited to present, on a regular basis, substantive material for inclusion in the IRDR Communication platforms (website, newsletters, annual reports, etc), so as to better showcase the IRDR-specific approaches they practice and advance.  Ad 6.2: The German and Canadian proposals for ICoEs were invited to submit a full proposal for consideration at the next SC meeting. |



**Item 7: Review of ToRs for IRDR Programme Bodies**

1. **Draft Guidance Note for Implementation of IRDR ICoEs**

During its 11th meeting, the SC had accepted a new ICoE that is multi-site in nature (IRDR ICoE-REaL). In order to accommodate an ever growing number of different ICoEs it was suggested to review the currently applying ToR (for both ICoEs and NCs) and to make more specific the functions and roles of these bodies in the programme.

An initial review of the current ToR by the IPO found that the text allows for a good mix of flexibility and encouragement to collaboration and openness, but that it lacks guidance for the implementation and requirements that would allow for measuring progress over time.

The SC discussed a guidance note for the interpretation of the ToR, that would give all parties (SC, ICoE leadership and IPO) the tools to play their respective roles (oversight, implementation, support etc.), and that would also allow for better reporting on programme coherence and impact.

The objective of the note was seen as more visibly connecting the ICoEs to the programme-wide activities as well as to relevant organisations and activities at regional and national levels, and to let them exercise their pull-function in their respective sub-areas of IRDR research by better advertising their achievements and profiles.

**Attachments**

1. ToRs IRDR ICoEs
2. Draft Guidance Note for Implementation of IRDR ICoEs
3. **Draft Revised ToRs for IRDR NCs and RCs**

Against the background of the recently held consultative workshop with existing and emerging IRDR NCs and RCs, a brief oral report was given, which included, by way of conclusion and recommendations for follow-up, possible elements for a guidance note for the implementation of NCs/RCs, following the same approach proposed for the ICoEs.

The SC felt that only at a later stage, once the requirements and opportunities under HFA2 would have become clear, a more thorough review of the ToRs proper for NC’s may need to be undertaken.

**Attachments**

* + 1. ToRs for IRDR National Committees
    2. Reference to List of Attachments on NC/RC for Item 4

1. **Draft ToR for IRDR Flagship Projects**

At the 10th and 11th SC meetings, a project proposal by one of the IRDR ICoEs was evaluated that gave rise to a discussion on the desirability of having IRDR Flagship Projects. The SC had decided that it was premature to decide on a project to be adopted as a Flagship Project, as no ToR had yet been adopted. Responding to a request made at the 11th SC meeting, a draft document was prepared for discussion and decision.

Judging by the discussions, the appeal of having IRDR Flagship Projects would be to define locales for this implementation and action-focused to this ambition and approach within the programme itself. It would seek to respond to demands from Co-Sponsors for co-design and implementation of research in real life DRR contexts at different levels.

Discussion revolved around, inter alia, the question of whether the programme as a whole needs one or should have more than one flagship project. It was clarified that the Taipei proposal related to a local project, which did not, per se, exclude that there can be more than one flagship. Should there be more than one flagship the idea of an Open Call for competing projects would be interesting. The SC also welcomed the idea, for a project that focuses ion interaction with local government, to involve relevant networks of local governments and municipalities such as ICLEI, 100 Resilient Cities, etc. Other partners in the process of identifying appropriate test-bed sites for a flagship project can be IRDR bodies, Co-Sponsors and Major Group partners, as well as others identified through the SC. Flagship projects should be demand-driven and offer concrete opportunities for demonstrating the use of IRDR products stemming from at least three WGs and related work identified as relevant by co-chairs and other IRDR bodies. The idea was vented that the first consultative forum held after the Sendai conference could be used to co-design the call with partners.

**Attachment:**

1. Draft Terms of Reference for IRDR Flagship Projects
2. Slide “Flagship Project”
3. **Draft ToR for IRDR Associated Projects and Programmes (AP)**

The SC discussed the proposal to identify and invite, in line with good practice in other ICSU-sponsored programmes. It was suggested that IRDR would benefit in terms of impact and centrality in integrated DRR science worldwide by being surrounded, next to the formally established IRDR bodies, also by a number of Associated Projects and Programmes (AP). The discussion emphasised that it would be useful to stress, among the criteria, innovation in research and practice.

**Attachment**

1. Draft ToR for IRDR Associated Projects and Programmes (AP)
2. Current list of Associated Projects linked on the IRDR Website

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| **Decisions:**   1. SC members, including ICoE leaders in their capacity as SC members, discussed the guidance note online and did not find any need for further amendments. 2. The SC discussed the need for revising the ToR for NCs, but found that only after the 3rd WCDRR this need can be properly assessed. 3. The SC discussed the Draft ToR for IRDR Flagship Projects and decided that they should be revisited in the light of experiences made in the ICoE Taipei flagship project. A task group was formed, comprising K. Takeuchi, I. Burton, A. Bostrom and V. Jimenez Diaz, for this purpose. 4. The SC welcomed the idea of APs, discussed the draft ToRs, and agreed that they would suggest possible candidates.   **Actions**:  Ad 7.1: The IPO to make the guidance note available to ICoEs (website).  Ad 7.2: The SC will revisit the ToR for NCs after a subsequent meeting of NCs, once the requirements arising from the 3rd WCDRR have become clear.  Ad 7.3: Members of the Task Group will attend the launch of the ICoE Taipei flagship project and report at the upcoming SC meeting.  Ad 7.4: SC members will propose candidates for APs. |



**Item 8: Towards an IRDR Communications Plan**

IRDR Communications Officer, C. Cabrido, presented elements for a strategy to enhance the communications services of the IPO. Based on an analysis of existing technical and HR capabilities, political constraints, and programme needs, an initial draft plan was presented for 2014/15. An overview of existing communication tools was given; shortcomings of the current set-up were highlighted in terms of input received from the IRDR network, restrictions on communications at the IPO location, skills available, etc. The presentation was structured around perceived strengths, weaknesses, opportunities and threats (SWOT) of IRDR’s communications. The SC had also been invited to reflect on key messages for IRDR.

Discussions highlighted the need to identify audiences and the objectives of website entries: promote, strengthen and expand the IRDR community, attract funding, achieve impact.

It was emphasised that the regular reporting on past and planned events, publications, etc., if conducted proactively by all parties, could be the basis for a communications hub function of the IPO. SC members agreed that all IRDR bodies need to make an effort to support the collective presentation of the programme. Some SC members commented that they or the units they led had no communications support to rely on. Comments also suggested that it would be helpful to develop the reporting format proposed for the sessions at this meeting into a guidance sheet for reporting for the Annual Reports.

More specifically it was suggested that a general IRDR PowerPoint presentation be designed, which SC members and other IRDR bodies could use. Also the connection with other communications networks in DRR would be helpful, though care needed to be taken not to duplicate messages. Introducing a “partner of the month” section would be a good way of showcasing the evolving network.

**Attachment**

1. Draft Communications Plan

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| **Decisions:**   1. The SC welcomed this comprehensive attempt at identifying elements for a Communications Plan / Strategy. 2. The SC decided that SC members and IRDR bodies should be urged to respond to the call for a more regular and more intensive flow of information, to make the best use of the full time communications person based at the IPO. SC members agreed to identify contact persons for the CO. 3. The SC requested that the ICoE reporting guidelines, as here discussed, be circulated to facilitate reporting for the Annual Report. 4. The SC requested that a general slide presentation be made available. 5. The SC suggested that a section “partners of the month” be introduced on the website, and that related websites be closely monitored. 6. The SC decided to consider the issue of key messages as part of the recommendations on follow-ups after the 3rd WCDRR.   **Actions:**  Ad 8.2.1: CO to regularly solicit information from SC and IRDR bodies.  Ad 8.2.2: SC members to identify contact persons for the CO.  Ad 8.3: CO to the ICoE reporting guidance notes, as discussed at this SC meeting, as basis for reporting template for the Annual Report.  Ad 8.4: IPO to make available a general IRDR slide presentation.  Ad 8.5: CO to develop a section “partners of the month” on the IRDR website, and to monitor closely related websites.  Ad 8.6: The SC decided to consider the issue of key messages as part of the recommendations on follow-ups after the 3rd WCDRR (to be resumed at upcoming SC meeting). |



**Item 9: Reports / Previews from Co-Sponsors**

The Co-Sponsors gave short reports on recent, ongoing and planned developments of relevance to IRDR. They pointed to opportunities for connecting to related programmes, for joint activities and to grants available for the development towards the programme aims.

1. **ICSU**

ICSU’s interim Executive Director, Peter Liss, gave a brief account on the recent ICSU General Assembly (GA). IRDR was represented by the SC Chair and the ED, who gave a brief presentation of the programme to the GA plenary. The IRDR CO had prepared new programme posters for a PR stall during the GA.

On the sidelines of the GA, the ED had convened a strategy meeting of ICSU bodies, at which a presentation was made by ICSU’s incoming president and IRDR founding chair, Gordon McBean, on the policy challenges facing DRR and the role played by ICSU and IRDR in leading the Science and Technology Major Group. The ED called on ICSU’s regional bodies to continue the good collaboration that is leading towards joint activities and better alignment of all regional research and science plans on hazards and disasters.

A brief update was given on recent developments regarding Future Earth (FE), including the activities of its global secretariat and science and engagement committees. It is hoped that after its initial meeting in Argentina, a first oral report on the operations of the engagement committee can be given.

FE interim director Frans Berkhout also gave an update. IRDR SC Chair and ED reported on their contacts with their current counterparts at FE. The SC commented that in addition to finding common areas of interest, the two programmes should also establish a structure whereby there is mutual representation in the respective Science Committees. Frans Berkhout pointed to the complex and multi-layered decision-making structures in FE as a way of explaining why this might not be possible. It was also suggested to wait for the establishment of more robust secretariat and support structures for FE to take forward such initiatives.

**Attachments:**

1. ICSU Press Releases on General Assembly
2. ICSU Press Release on FE Global Secretariat
3. **ISSC**

The ISSC ex-officio member, Vivi Stavrou, gave an update on recent, ongoing and planned developments of relevance to IRDR (see presentation). She reiterated the invitation to participate in the World Social Sciences Forum, for which some form of discounted participation rate would be explored for ISSC co-sponsored programmes. A possible alignment of the next SC meeting with the WSSF was also discussed later in the meeting.

1. **UNISDR**

The UNISDR ex-officio member, Feng Min Kan, gave an update on recent, ongoing and planned developments of relevance to IRDR, notably as regards the 3rd WCDRR, and ongoing and envisaged activities in Asia. She stressed that it would be necessary, at the 3rd WCDRR, also for S&T projects such as IRDR to demonstrate impact and applicability. She also emphasised the important role of the group on science, technology and academia, co-chaired by IRDR, as part of the ISDR Asia Partnership (IAP).

*N.B.: much of the information relating to this report is available among the attachments for Item 4.*

**Attachments:**

1. Documents relating to the role of ICSU and its programmes in the process leading up to the 3rd WCDRR are comprised under Item 4

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| **Decisions:**   * 1. The SC discussed areas in which there is potential to collaborate with Future Earth (FE) in the future, but had decided also that a formal approach be taken for mutual representation in science committees (see above under Item 2).   2. The SC noted the reports of the Co-Sponsors, and requested that more detailed information be provided about the costs and opportunities of attending the conference in Durban and Sendai.   **Actions:**  Ad 9.1: SC Chair and ED to approach Co-Sponsors (see also Item 2).  Ad 9.2: IPO to collect more information from Co-Sponsors ISSC and UNISDR about the two conferences. |



**Item 10: Networking and Partnership Session**

The SC had discussed the networking and partnership session with particular reference to:

* Expanding the impact of IRDR’s work through closer collaboration with UN agencies. The invited presentations had presented merely a fraction of activities of interest, but were the beginning for subsequent exchanges between SC members and projects. The SC did not proceed to make proposals on how to structure such contacts and collaborations in order to advance the impact of the IRDR programme.
* Expanding the reach of the IRDR programme (and ultimately also its impact) by systematically using the Major Groups framework in order to better interact with organisations representing civil society. The SC had discussed intensifying such contexts as a means to structure exchanges for the consultative fora, notably with a view to advancing the co-design mode of research, which is likely to be also a hallmark for the implementation of the successor framework to HFA.

**Consultative Forum**

The ICSU Science Plan had foreseen that, already in the first three years of the programme, a consultative forum be launched that would lay the foundations for the co-design of research with the involvement of partner organisations.

The SC heard that multiple stakeholder consultation fora would serve the purpose of both receiving input for co-designed projects and reviewing the progress of the programme. As an ongoing stakeholder engagement process, the Consultative Forum could be used as part of the process of assessing and enhancing the impact of the programme.

It was suggested to build on the contacts developed with scientific and non-academic partners and stakeholders in the pre-Sendai process and to convene a Consultative Forum after the 3rd WCDRR, so as to engage with all partners on the role IRDR could play in the implementation of recommendations issued by the Conference. In this way, half-way through the Programme, the Forum may also contribute to the evaluation process and to decision on the possible inclusion of new projects or programme components.

**Attachments:**

1. N.B.: Documents regarding the partners among the Major Groups are comprised under Item 4.
2. List of current partner organisations (preliminary document; yet to be uploaded)
3. References to Consultative Forum in the Science Plan (ICSU 2008) 9see item 4.5.1)

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| **Decisions:**   * 1. The SC discussed the concept of the consultative forum as envisaged originally by the ICSU Science Plan for IRDR and to place the consultative forum in the context of both the ICSU programme evaluation and the Sendai implementation.   2. The SC decided to form a Task Group to prepare this Consultative Forum together with the SC Chair and ED. The Task Group would propose a work plan towards the forum, including partners to be involved, timeline, venue, resources and objectives to work towards. All transactions of the Task Group will be conducted online.   **Actions**:  Ad 10.1: IPO to collect relevant S&T information from the envisaged Sendai framework, and to obtain from ICSU information about the evaluation timeline and format.  Ad 10.2: IPO to invite SC members to volunteer to be members of the Task Group. |



**Item 11: Previews**

1. **Evaluation of the IRDR Programme**

The SC had learnt at its 11th meeting that ICSU is obligated to evaluate its interdisciplinary programmes. ICSU’s ex-officio representative explained the likely timeline and modalities for the envisaged IRDR programme evaluation. The evaluation would start in May 2015 and last for an estimated six months. A review panel consisting of up to six persons would be appointed by ICSU’s Committee on Scientific Planning and Review (CSPR).

The SC was reminded that the Science Plan for IRDR had already identified (pg. 50) a number of possible criteria for the evaluation, but that these would not be necessarily at the heart of the evaluation, as the programme and the context had moved since:

1. Co-Sponsors are in place and actively engaged in the programme.
2. Partnerships are agreed to and function.
3. Projects are in place with viable and strong scientific teams, appropriate geographical representation and adequate funding, so as to enable them to meet their objectives within the overall framework of the Programme objectives.
4. Working Groups are established and FORIN has completed several case studies in the first three years of the programme.

SC member, M. Pelling, proposed that the SC, prior to the evaluation, should conduct an impact assessment to track progress on the programme’s ‘integration’ agenda utilising a framework that identifies IRDR’s modes, spaces and examples of engagement. The expected result of such an exercise would be an “IRDR Impact Dashboard” from which it could be decided if the goals for integration were appropriate/obtainable/exceeded and what were the successful pathways.

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| **Decisions:**   1. The SC welcomed Mark Pelling’s initiative for an alternative approach and agreed that the emphasis on integration as a continuous corrective and on impact would be well chosen; the involvement of multiple stakeholders, as proposed elsewhere, could serve this purpose. 2. The SC decided that it would work with ICSU to ensure a meaningful evaluation that took into account the specificities of the programme, and its potential for impact beyond academia.   **Action:**  Ad 11.2: IPO to update the SC on ICSU’s evolving plans for the evaluation. |

1. **SC Membership Renewal/Composition**

In June 2015, four SC members (O.D. Cardona, S. Cutter, D. Johnston and K. Takeuchi) will come to the end of their second three-year terms. Their memberships cannot be renewed. Three of them are also SC Executive members.

A list of the SC membership is included in the meeting documents. A matrix of the distribution of countries, areas of expertise, sector and gender is currently being prepared. It is to be recalled that Co-Sponsor ISSC already at the 11th SC meeting had requested that the gender balance of the Committee be proactively addressed for upcoming replacements.

The SC proposed a number of areas (health, agriculture, socio-informatics) that are currently underrepresented on the SC. It was also suggested to propose including SC members with a broader range of DRR practice and to insist on experience with “integration.”

As regards the SC Executive, it is to be recalled that on 31 December 2014, S. Cutter will step down as Vice-Chair, staying on as an SC member until 30 June 2015. She will be replaced by S. Lwasa as Vice-Chair on 31 December 2014. As of June 2015, two new SC Executive members will need to be elected; one of them being the new SC Chair.

**Attachments**

1. List of SC members (as of 22 September 2014)
2. Current distribution of SC members according to geographic regions and gender (including projection after end-of-term of four SC members)
3. Matrix of SC member profiles (yet to be uploaded)

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| **Decision:**   1. The SC discussed issues related to the future composition of the SC, identifying in particular relevant shortcomings in terms of current or envisaged geographical, disciplinary or gender distribution.   **Action**:  Ad 11.2.1: SC members would submit to the ED further elements towards an analysis of the SC composition and desiderata for the future. |



**Item 12: IPO Report**

The IPO report is divided into three sections.

1. **IPO Host Organisation, Institute of Remote Sensing and Digital Earth (RADI)**

The delegate of the IPO’s host organisation, RADI, gave an overview of completed, ongoing and envisaged activities. Both the activities of the other international programmes based at RADI as well as the IRDR related domestic research activities were reflected.

1. **IPO Office Report**

The JSO presented an oral report on recent developments in the IPO office (staffing, health and safety report, ICT challenges etc.). The SC expressed their concern about the IT restrictions, which were not conducive to regular operations of an international programme office. SC members were shocked to learn about the daily exposure to hazardous weather conditions and about long-term health risks.

1. **IPO Relations with Host Organisations**

The ED provided a short oral report about the relationship between the IPO and the host institute RADI, the Chinese hosting organisations Chinese Academy of Sciences (CAS) and Chinese Association for Science and Technology (CAST), and partners such as the Chinese Association for Social Sciences (CASS).

It was emphasised that the Chinese hosting organisations were expected to follow government directives in their internal management. This extended to use of funds (severe restrictions on use of funds outside of China), travel rules, access to and dissemination of information and use of foreign ICT tools etc.

SC members were concerned that such conditions may have, in the long run, an impact on the functioning of the programme. SC members were informed that working conditions and such restrictions as are applied to IPO staff in their daily work would be assessed as part of the ICSU evaluation.

The ED also reported that the host institute RADI and the hosting organisations were trying their best to maintain a working environment that would satisfy the needs of an IPO. He also pointed to the advantages of being located in China, which opened up opportunities for the programme to liaise closely with one of the world’s largest national Higher Education, R&D and DRR environments.

The SC agreed that it would be desirable to intensify the presence of China in the programme. Capacity building exercises were discussed as one means to achieve that, notably with a view to the next IRDR conference.

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| **Decisions:**  12.1 The SC noted the rich report presented by the RADI delegate.  12.2: The SC noted the IPO Office report and expressed its concern about the working and living conditions of IPO staff. The SC expressed its gratitude to long-serving staff for their perseverance.  12.3: The SC noted with concern the remarks presented on relations with the Chinese hosting organisations and the operating environment, and appreciated the efforts made by the host organisations to maintain the IPO in working order.  12.4: The SC decided that it would intensify the engagement with the Chinese S&T community, notably through IRDR China. Capacity building workshops were considered a useful means to achieve that, especially with a view to enhancing the number of quality papers by Chinese presenters at the next IRDR conference.  **Actions**:  Ad 12.4: IPO to explore with IRDR China the possibility for capacity building workshops that would focus on IRDR themes. |



**Items 13-14: Strategic Programme-wide Forward Planning**

Based on the presentations and discussions of days 1 and 2 of the meeting, this last session proceeded to drawing up plans for the progress of the programme and its bodies. These strategic considerations were informed by a close reading of the challenges posed by:

* The ICSU Science Plan for IRDR:
* Expectations of broad and systematic engagements with non-programme actors and strong coherence and goal-oriented collaborations across programme components.
* The IRDR Strategic Plan:
* Generic and yet over-ambitious language, which does only partly correspond to the reality of the programme, and which was adopted despite funding issues being known.
* Latest developments re: HFA2:
* High visibility of IRDR, with expectations that offer opportunities but require strong engagement and close collaboration by all parties.

It was also recalled that beyond “Sendai,” the year 2015 would call for a more proactive engagement of the programme with partners during the SDG negotiations, progress on CCA, and World Humanitarian Summit.

The SC felt that targeted messaging through the centralised communications function of the IPO would be useful.

The SC also felt that the ICSU-led evaluation of the programme, to be launched in mid- 2015, would offer an opportunity for broader engagement and revisions of goals. Since IRDR is a somewhat novel programme that is seeking to establish a new field of scientific endeavour and of science-and-policy engagement, other factors (focusing on network and community building) may also be considered. It was also recalled that due to the active co-sponsorship by UNISDR there may also be additional elements in the evaluation that refer to science and policy interaction.

The SC was invited to refer to the ToR for SC members to self-assess what activities it might still need to undertake to satisfy the role it has been given.

The SC noted that no programme-wide strategy to this effect exists. The absence of a fundraising strategy (and of an acknowledged distribution of roles and responsibilities) means that no fundraising has occurred in the programme in 2013 and 2014 (apart from small grants). It is also against this background that a clearer strategy must emerge that might spell out the value or otherwise of such small scale (yet time-consuming) fundraising.

SC members agreed that they share information resources or, otherwise, empower the ED to proactively connect the programme to funding agencies. It is to be borne in mind, however, that results of such an approach will not be available in the short term, whereas activities in 2015 must be taken forward with resources available now.

Despite the detailed report on the financial situation that was provided in the meeting papers and during the meeting, the SC did not proceed towards a prioritising agenda for activities in 2015 (see also Item 3): the Working Groups reports were not detailed enough for this purpose. In the event, a number of decision-making proposals under this item were not reflected upon sufficiently to reach decisions.

In particular, the SC did not reach a decision on the following points:

At the operational level (short term):

1. Propose a catalogue of venues and opportunities for the promotion of the programme that the SC wishes to use in the course of 2015;
2. Decide on the future of AIRDR.

At the operational level (medium term):

1. Decide on the parameters / priorities for a fundraising strategy (as the basis for the ED to develop an implementation for such a strategy).

At the strategic level:

1. Discuss whether the level of integration reached across the programme is sufficient or corresponds to the “integration” expected under the Science Plan and Strategic Plan and to identify areas that require specific intervention.



**Item 15: Annual Budget 2015**

The SC was given a brief oral report on the budget situation: an identical amount, provided by the relevant Ministry for priority setting and internationalisation purposes of the S&T sector, was being set aside by the Chinese sponsoring agencies (2.7 million RMB).

The SC learnt about the difficulties of operating with annual budgets, when transfers were made only half-way through the year (as in 2014). The SC thanked RADI for being able to make up for the late arrival of funds from their own funds.

It was clarified that funding for additional staff was not available at the moment, whereas some meeting support would become available through a separate funding line from CAST (linked to conference expenditure).

Since the strategy session had not yielded any tangible prioritisation results (in terms of activities), the budget for 2015 would remain unspecific on activities, and only list categories.

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| **Decisions:**   1. The SC noted the indicative budget for 2015 (categories, not items). 2. The SC thanked the IRDR host institute RADI for the efforts made in safeguarding the functioning of the IPO in the period between the end of the budget year 2014 and the arrival of the Ministry funds via CAST for the year 2015. |

**Item 16: Date and Venue of upcoming IRDR meetings**

1. **13th SC meeting**

According to the agreements with the Chinese sponsoring organisations, one of the SC meetings would be held in China. Typically, this is the meeting in the first half of the year. The SC heard a brief presentation of the four possible locations for the next SC meeting (to be held in China): RADI Central Asian campus in Kashgar; venue in or near Shanghai; RADI Campus Beijing; other CAS campuses elsewhere in China (Southern or coastal provinces). As for the timing, the first half of June was preferred by most SC members.

1. **IRDR Consultative Forum**

The SC was reminded that also the timing of the Consultative Forum would need to be considered, which should be held either before or early on during the programme evaluation.

Since in all likelihood no additional resources would be available, it was suggested to consider holding the Consultative Forum in Sendai – this proposal was rejected as everybody’s agenda was too busy during that meeting to focus on an external partner. An alternative would be to integrate the Consultative Forum into the evaluation process.

1. **14th SC meeting**

The SC briefly discussed options for the 14th SC meeting in autumn 2015, for which it had been decided to hold it in South Africa: alternatives proposed were an early meeting in September conjunction with the World Social Science Forum in Durban, or a meeting in keeping with the regular schedule (in November) at the IRDR ICoE-REaL headquarters at Stellenbosch University. Co-Sponsor ISSC emphasised the synergy potential of the earlier option (WSSF in September 2015), and suggested to provide information about affordable venue options soon. Proposals collected would be circulated in due time (but prior to the next SC meeting) by the IPO.

1. **3rd IRDR Conference**

With a view to the necessary negotiations with the sponsors, the SC briefly discussed when to hold the next IRDR Conference. It was felt that a biennial rhythm was needed (perhaps alternating with the Consultative Forum) to maintain visibility; a conference in 2016 was considered a necessity. The agreements between international co-sponsors and Chinese sponsors indicate that the conference would be held in China. A similar date as had been chosen for the conference in 2014 (early June) would be suitable.

It was suggested to invite the Chinese hosting organisations to very actively engage in the mobilisation of resources and participants for the conference.

It was felt suitable to appoint, next to SC Chair, Vice-Chairs and ED, also additional three SC members (irrespective of terms of service on the executive) for an internal organising group.

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| **Decisions:**   1. The SC decided to leave the decision on the venue for the 13th SC meeting to the IPO and the local host institute, and for the meeting to be held in the first half of June 2015. 2. The SC felt that holding a Consultative Forum at Sendai would be problematic and postponed the decision on timing and venue. 3. The SC requested that the IPO explore and present options for the planning of the 14th SC meeting. 4. The SC decided to work towards convening the 3rd IRDR Conference in 2016, possibly in June; it asked the IPO to provide additional information about venues, and appointed Salvano Briceno, Djillali Benouar and SHM Fakhruddin to the internal organising group, otherwise comprised ex officio of SC Chair, Vice-Chairs, and ED.   **Actions:**  Ad 16.1: IPO to propose the venue for the 13th SC meeting for the first half of June 2015.  Ad 16.3: IPO to explore and present options for the planning of the 14th SC meeting in South Africa.  Ad 16.4: IPO to liaise with Chinese hosting organisations and to provide additional information about costs and venues. |



**Annex 1: 12th SC Meeting Action List**

| **Agenda Item** | **Action** | **Lead**  **(Support)** |
| --- | --- | --- |
| 2 | 1. Request the Co-Sponsors approach Future Earth’s (FE) governance structures with the aim to introduce a mutual representation on Science Committees between FE and IRDR. | ED  (Chair) |
| 3 | * 1. Discuss the composition of the four project Working Groups at 13th SC meeting. | SC |
| 4 | 1. Promote IRDR’s Public Forum session and report widely on IRDR’s presence at 3rd WCDRR. 2. Ensure regular flow of information between the Programme and regional platforms via relevant contact persons and delegates. 3. Work on appropriate language to frame the Consultative Forum in terms of co-design for research. 4. Discuss a proposal for the format, timing and funding of a Consultative Forum at 13th SC meeting. | IPO  IPO/Consultative Forum Organising Sub-committee  SC |
| 5 | 1. Remind the IRDR network of need for structured reporting prior to SC meetings. 2. Explore possibilities for regional applications of the AIRDR analytical framework. | IPO  IPO/All IRDR Bodies |
| 6 | 1. Present, on a regular basis, substantive material for inclusion in the IRDR communication platforms (website, newsletters, annual reports, etc.). 2. The German and Canadian IRDR ICoE proposers requested to submit full proposals for consideration at 13th SC meeting. | IRDR ICoEs  IPO |
| 7 | 1. Distribute the Draft Guidance Note for Implementation of IRDR ICoEs to all current ICoEs. 2. Revise the ToRs for NCs after the holding of a subsequent meeting of these IRDR bodies. 3. Members of the Task Group assigned to review the draft ToRs for IRDR flagship projects to attend the launch of the ICoE Taipei flagship project and report at 13th SC meeting. 4. Propose candidates for Associated Projects (APs) | IPO  ̎  ̎  SC |
| 8 | 1. Request information from the SC and other IRDR bodies for the Communications Plan. 2. Identify relevant contact persons within their respective organisations for the CO.   8.3 Provide ICoEs with reporting guidance notes as basis for reporting template for the Annual Report.  8.4 Produce a general IRDR presentation and make available to the SC.  8.5 Develop a “Partners of the Month” section on the IRDR website.  8.6 Reflect on key messages coming out of the 3rd WCDRR at the 13th SC meeting. | CO  SC  CO  IPO  CO  SC |
| 9 | 1. Collect more information from Co-Sponsors ISSC and UNISDR about the World Social Science Forum and 3rd WCDRR. | IPO |
| 10 | 1. Collect from ICSU information about the timeline and format for the evaluation of the Programme. 2. Invite SC members to volunteer for the Consultative Forum Task Group | IPO  IPO |
| 11 | 1. Update the SC on ICSU’s plans for the evaluation of the IDR programme. 2. Submit to the ED further elements towards an analysis of the SC composition for the future. | IPO  SC |
| 12 | 1. Explore with IRDR China the possibility for capacity building workshops that would focus on IRDR themes. | IPO |
| 16 | 1. Propose the venue for the 13th SC meeting for the first half of June 2015. 2. Explore and present options for the planning of 14th SC meeting in South Africa. 3. Liaise with the Chinese hosting organisations to provide additional information about possible costs and venues for the third IRDR Conference in 2016. | IPO  ̎  ̎ |



**Annex 2: 12th SC Meeting Documentation and Presentations**

**Table 1: List of 12th SC Meeting Documents (also available at** [**http://www.irdrinternational.org/sc-members-zone/sc12-november-2014-paris-france/**](http://www.irdrinternational.org/sc-members-zone/sc12-november-2014-paris-france/)**)**

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| **Agenda Item 1: Approval of the Agenda** | | |
| Item 1 Coversheet | | |
| 1.1 | Practical Arrangements for the 12th IRDR SC meeting | |
| 1.2 | Agenda for the 12th IRDR SC meeting | |
| 1.3 | List of Participants for the 12th IRDR SC meeting | |
| 1.4 | Terms of Reference of the IRDR SC members | |
| **Agenda Item 2: Approval of 11th SC Meeting Report** | | |
| Item 2 Coversheet | | |
| 2.1 | Draft Report of the 11th IRDR SC meeting | |
| 2.2 | Overview over actions decided on at the 11th IRDR SC meeting | |
| **Agenda Item 3: Planning Meeting of IRDR Working Groups / Core Projects** | | |
| Item 3 Coversheet | | |
| 3.1 | Guidance Note: IRDR Working Groups Meetings | |
| 3.2 | ICSU Science Plan for IRDR | |
| 3.3 | IRDR Strategic Plan 2013-2017 | |
| 3.4.1 | Working Group Work Plans:   * DATA Work Plan * FORIN Work Plan * RIA Work Plan | |
| 3.4.2 | Background material for DATA:   * EU Disaster Loss Data Meeting, 23-24 October 2014: Agenda and Concept Note * Agenda and concept note, UNESCAP First Meeting of the Expert Group on Disaster-related Statistics in Asia and the Pacific, Sendai, 27-29 Oct 2014 * CODATA Task Group - “Linked Open Data for Global Disaster Risk Research” (LODGD) | |
| 3.4.3 | Background material for FORIN:   * Editorial in upcoming issue of International Journal of Disaster Risk Reduction by Ian Burton: “The forensic investigation of root causes and the post – 2015 framework for disaster risk reduction” * Progress Report and Proposals on FORIN to Sendai PrepCom 2 * A Review of the FORIN Methodology and Existing FORIN Case Studies (July 2014) * Concept Note: A FORIN Disaster Research Workshop Programme | |
| 3.4.4 | Background material for RIA:   * Pathways for Transformation: Disaster risk management to enhance development goals (2014) | |
| **Agenda Item 4: Networking and Partnership Session** | | |
| Item 4 Coversheet | | |
| 4.1.1 | Science and Technology (S&T) Community Major Group (STMG/MGST) statement at Prepcom 1, 14-15 July 2014 | |
| 4.1.2 | Outcomes of PrepCom 1, 14-15 July 2014, Geneva: Key outcomes for Science and Technology | |
| 4.1.3 | Brief of the ICSU Ad Hoc Expert Group on Hazards and Disasters (Synthesis Paper) | |
| 4.1.4 | Pre-Zero Draft of the Post-2015 Framework for Disaster Risk Reduction | |
| 4.1.5 | S&T Major Group Summary of Comments on the Pre-Zero-Draft | |
| 4.1.6 | IRDR Independent Statement on Pre-Zero Draft | |
| 4.1.7 | Statements from the Science and Technology (S&T) Major Group at open-ended informal consultative meetings by the co-Chairs of the WCDRR Preparatory Committee:   * 19 September 2014 – S&T Major Group Statement * 18 September 2014 – S&T Major Group Statement | |
| 4.1.8 | STMG Non Paper: “How the science and technology community can be strengthened for implementation of the post-2015 framework for disaster risk reduction” | |
| 4.1.9 | Meeting on Proposal from the S&T Community to Strengthen Science in the Post-2015 DRR Framework, Paris, 1 October 2014 | |
| 4.1.10 | Summary of discussions with WCDRR Co-Chairs, 2 October 2014 (“Thank you Letter”) | |
| 4.1.11 | Proposed “revised approach” for incorporating science into HFA2 | |
| 4.1.12 | Zero-Draft of the Post-2015 Framework for Disaster Risk Reduction | |
| 4.1.13 | Chart of the Zero-Draft of the Post-2015 Framework for Disaster Risk Reduction | |
| 4.2.1 | Draft Agenda: Tokyo Conference on International Study for Disaster Risk Reduction and Resilience, 14-16 January 2015 | |
| 4.2.2 | Draft Tokyo Statement | |
| 4.3.1 | Composition of the ICSU ROAP Steering Group | |
| 4.3.2 | Minutes, Steering Group on Natural Hazards and Risk for the AP Region 27-28 April 2014 | |
| 4.3.3 | Composition of the ICSU ROA Consortium on Hazards and Disasters | |
| 4.3.4 | Document about the ICSU ROA Consortium | |
| 4.3.5 | Swedish/Africa Consortium-Building Workshop Programme, 31 October 2014 | |
| 4.3.6 | Composition of the ICSU ROLAC Scientific Steering Committee for Integrated Research on Disaster Risk in LAC | |
| 4.3.7 | Programme of the Central American Workshop on Natural Disasters, Volcanic Risks etc., 19-20 November 2014 | |
| 4.3.8 | Statements from UNISDR Regional Platforms 2014 | |
| 4.3.9 | UNISDR Workshop on Risk-Sensitive Investment, Bangkok, 15-17 October 2014 | |
| 4.3.10 | UNESCAP: Agenda and concept note, First Meeting of the Expert Group on Disaster-related Statistics in Asia and the Pacific, Sendai, 27-29 Oct 2014 | |
| 4.4.1 | Joint Statement of the UN Agencies at PrepCom1 | |
| 4.4.2 | Joint Statement of the UN Agencies at the open-ended informal consultative meetings - 2 October 2014 | |
| 4.4.3 | MoU IRDR/WMO WWRP/WG SERA | |
| 4.4.4 | Report of the 4th Meeting of the WWRP WG SERA, 21-22 August 2014 | |
| 4.4.5 | UNEP (2014). “Promoting Ecosystems for Disaster Risk Reduction and Climate Change Adaptation: Opportunities for Integration.” | |
| 4.4.6 | UNISDR STAG Platform and Network Survey (April 2014) | |
| 4.4.7 | UNISDR Call for Contributions / Case Studies to STAG Report 2014 | |
| 4.4.8 | UN System of Major Groups | |
| 4.4.9 | Draft joint statement of Major Groups (to be tabled – will only be ready just before PrepCom2) | |
| 4.4.10 | GNDR Comments on Pre-Zero Draft - 8 August 2014 | |
| 4.5.1 | References to Consultative Forum in the Science Plan (ICSU 2008) | |
| **Agenda Item 5: Report from NCs Workshop** | | |
| Item 5 Coversheet | | |
| 5.1 | 1st Consultative Meeting of IRDR NCs Agenda | |
| **Agenda Item 6: Reports / Previews from ICoEs** | | |
| Item 6 Coversheet | | |
| 6.1 | Guidance Notes for ICoE Reporting | |
| 6.2 | ICoE Terms of Reference (ToRs) | |
| **Agenda Item 7: Review of ToRs** | | |
| Item 7 Coversheet | | |
| 7.1.1 | ToRs IRDR ICoEs | |
| 7.1.2 | Draft Guidance Note for Implementation of IRDR ICoEs | |
| 7.2.1 | ToRs for IRDR National Committees | |
| 7.2.2 | Reference to List of Attachments on NC/RC for Item 4 | |
| 7.3.1 | Draft Terms of Reference for IRDR Flagship Projects | |
| 7.3.2 | Slide “Flagship Project” | |
| 7.4.1 | Draft ToRs for IRDR Associated Projects and Programmes (AP) | |
| 7.4.2 | Current list of Associated Projects linked on the IRDR Website | |
| **Agenda Item 8: Towards an IRDR Communication Plan** | | |
| Item 8 Coversheet | | |
| 8.1 | Draft IRDR Communications Plan (yet to be uploaded) | |
| **Agenda Item 9: Reports / Previews from Co-Sponsors** | | |
| Item 9 Coversheet | | |
| 9.1.1 | ICSU Press Releases on General Assembly | |
| 9.1.2 | ICSU Press release on FE Global Secretariat | |
| 9.3.1 | Documents relating to the role of ICSU and its programmes in the process leading up to the 3rd WCDRR (see Item 4) | |
| **Agenda Item 10: Networking and Partnership Session** | | |
| Item 10 Coversheet | | |
| 10.1.1 | Documents regarding the partners among the Major Groups (see Item 4). | |
| 10.1.2 | List of current partner organisations (preliminary document; yet to be uploaded) | |
| 10.1.3 | References to Consultative Forum in the Science Plan (ICSU 2008) (see item 4.5.1) | |
| **Agenda Item 11: Preview** | | |
| Item 11 Coversheet | | |
| 11.2.1. | | List of SC members (as of 22 September 2014) |
| 11.2.2. | | Current distribution of SC members according to geographic regions and gender (incl. projection July 2015) |
| 11.2.3 | | Matrix of SC member profiles (yet to be uploaded) |
| **Agenda Item 12: IPO Report** | | |
| Item 12 Coversheet | | |
| **Agenda Item 13-15: Strategic Programme-wide Forward Planning** | | |
| Items 13-15 Coversheet | | |
| **Agenda Item 16: Budget 2015** | | |
| Item 16 Coversheet | | |
| **Agenda Item 17: Next SC Meeting** | | |
| Item 17 Coversheet | | |

**Table 2: List of 12th SC Meeting PowerPoint Presentations (also available at** [**http://www.irdrinternational.org/sc-members-zone/sc12-november-2014-paris-france/**](http://www.irdrinternational.org/sc-members-zone/sc12-november-2014-paris-france/)**)**

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| Ex-Officios | * Institute for Remote Sensing and Digital Earth – *“RADI: A New Platform for Remote Sensing and Digital Earth Study”* * International Social Science Council (ISSC) * United Nations International Strategy for Disaster Reduction (UNISDR): *“Policy Context: HFA2 process and preparing for the 3rd World Conference for Disaster Risk Reduction”* |
| IPO | * IPO Report * Towards an IRDR Communication Plan |
| Projects | * AIRDR * DATA   (The FORIN and RIA reports were not accompanied by PowerPoints.) |
| ICoEs | * IRDR ICoE-Taipei * IRDR ICoE in Vulnerability and Resilience Metrics (IRDR ICoE-VaRM) * IRDR ICoE in Community Resilience (IRDR ICoE-CR) * IRDR ICoE in Understanding Risk & Safety (IRDR ICoE-UR&S) * IRDR ICoE for Risk Education and Learning (IRDR ICoE-REaL): *“Introducing ICoE REaL/Periperi U”* |
| Partners | * LA RED: “LA RED DE ESTUDIOS SOCIALES EN PREVENCION DE DESASTRES EN AMERICA LATINA: A Regional Experience (The Network for Social Studies on Disaster Prevention in Latin America) * UKCDS: *“An update on the mobilisation of international science for the Post 2015 Disaster Risk Reduction framework (HFA2)”* * UNEP-DTIE: *“APELL: Awareness and Preparedness for Emergencies at Local Level”* * UNESCO: *“Preventing Disasters using an Interdisciplinary Approach”* * UNISDR STAG * WMO WG SERA |
| Proposals | * IRDR ICoE-RIA, London * IRDR ICoE in Germany * An Impact Assessment for IRDR to track progress on the ‘integration’ agenda |



**Annex 3: 12th SC Meeting: List of Participants**

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