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The United Nations Office for Disaster Risk Reduction
Science and Technical Advisory Group

Science and Technology for the Post-2015 DRR framework - EFDRR discussion

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ISDR

International Strategy for Disaster Reduction

HFA

Hyogo Framework for Action 2005 - 2015:

Building the Resilience of Nations and Communities to Disasters

http://www.unisdr.org/eng/hfa/docs/HFA-brochure-English.pdf

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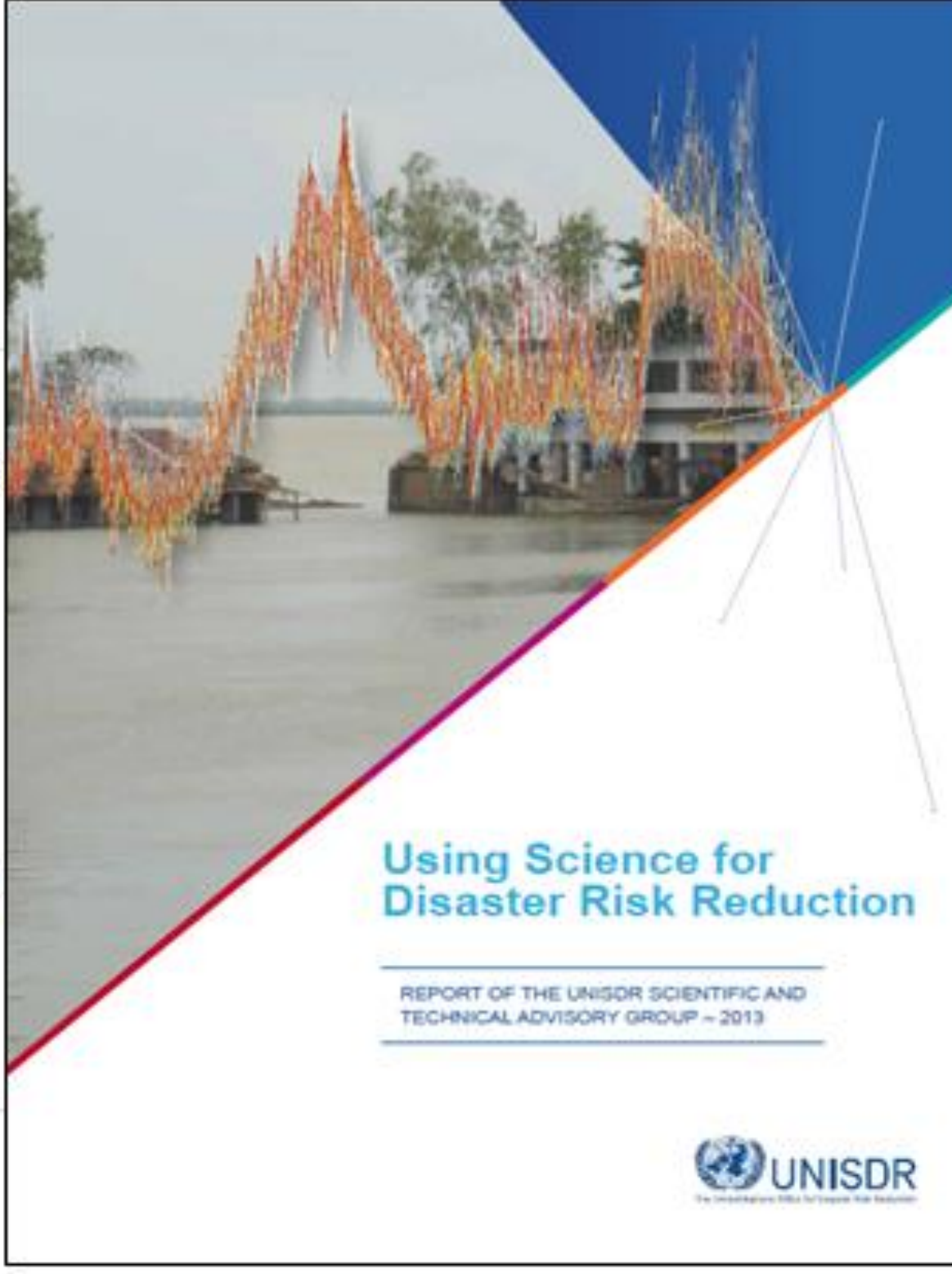
Report of the UNISDR Scientific and Technical Advisory Group 2013

Using Science for Disaster Risk Reduction

http://www.unisdr.org/files/32609_stagreport2013assembled.pdf



Recommendations

1. *Encourage science to demonstrate that it can inform policy and practice*
2. *Use a problem-solving approach to research that integrates all hazards and disciplines*
3. *Promote knowledge into action*

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Recommendations

1. *Encourage science to demonstrate that it can inform policy and practice*
2. *Use a problem-solving approach to research that integrates all hazards and disciplines*
3. *Promote knowledge into action*
4. *Science should be key to the Post-2015 Hyogo Framework for Action*

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Global Platform
for Disaster Risk Reduction
Fourth session, Geneva, Switzerland
19-23 May 2013

It is expected that the HFA2 will recognize the need to govern disaster risk reduction and resilience through clear responsibilities, strong coordination, enabled local action, appropriate financial instruments and a clear recognition of a central role for science.

and science. The session builds on regional platforms for disaster risk reduction convened in Africa, the Americas, Asia-Pacific, Arab States and Europe as well as many consultative and preparatory meetings convened by civil society, national and local governments and Red Cross and Red Crescent national societies.

UK CDS wellcome trust *in collaboration with* UNISDR ICSU UNESCO

Statement on establishing an international science advisory mechanism for disaster risk reduction to strengthen resilience for the post-2015 agenda

The imperative now

The role and value of scientific information in disaster risk reduction and resilience has long been recognised. However, it is vital that research becomes more directly actionable, coupled with more

Statement on establishing an international science advisory mechanism for disaster risk reduction to strengthen resilience for the post-2015 agenda

http://preventionweb.net, http://www.unisdr.org/partners/academia-research and www.icsu.org

An Action Agenda

1. **Champion and reinforce existing and future programmes and initiatives for integrated research and the scientific assessment of disaster risk**. To strengthen the provision of actionable research, we particularly emphasise the importance of co-design, production and delivery of research with public, private and civil society stakeholders, engagement of scientists from across the world and that all the necessary natural, social and health sciences, engineering, and humanities disciplines needed are deployed to conduct research and to connect research

An Action Agenda

1. Champion and reinforce existing and future programmes and initiatives for integrated research and the scientific assessment of disaster risk
2. Establish an international science advisory mechanism for disaster risk reduction to strengthen resilience for the post 2015 agenda

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Statement on establishing an international science advisory mechanism for disaster risk reduction to strengthen resilience

- *producing periodic **reports on current and future disaster risks** and on the status of efforts to manage such risks at **global, regional, national and local scales**.*

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The IPCC Special Report on Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation

ipcc
INTERGOVERNMENTAL PANEL ON climate change

Statement on establishing an international science advisory mechanism for disaster risk reduction to strengthen resilience

- *producing periodic **reports on current and future disaster risks** and on the status of efforts to manage such risks at **global, regional, national and local scales**.*
- ***monitoring progress toward internationally-agreed targets** for reducing disaster losses and building resilience to disasters.*

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A post-2015 Framework for Disaster Risk Reduction: Draft guidance on monitoring progress

Statement on establishing an international science advisory mechanism for disaster risk reduction to strengthen resilience

- *producing periodic **reports on current and future disaster risks** and on the status of efforts to manage such risks at **global, regional, national and local scales**.*
- ***monitoring progress toward internationally-agreed targets** for reducing disaster losses and building resilience to disasters.*
- *providing **guidance on terminology, methodologies and standards for risk assessments, risk modelling, taxonomies and the use of data.** .*

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Terminology

TERMINOLOGY ON DRR

UNISDR develop these basic definitions on disaster risk reduction to promote a common understanding on the subject for use by the public, authorities and practitioners.

The terms are based on a broad consideration of different international sources. Feedback from specialists and other practitioners to improve these definitions will be most welcome.

Statement on establishing an international science advisory mechanism for disaster risk reduction to strengthen resilience

- ***convening stakeholders*** *to identify and address demands for scientific research, information and evidence on disaster risk and resilience.*
- *enhancing the communication of complex scientific information and evidence to support* ***the decision-making of policy makers and other stakeholders****.*

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AfRP '14
ABUJA 13-16 MAY

UN World Conference on
Disaster Risk Reduction
2015 Sendai Japan

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Plataforma Regional para la Reducción del Riesgo de Desastres de las Américas
Invertir en RRD para proteger los avances del desarrollo
IV Sesión - Guayaquil, Ecuador del 27 al 29 de Mayo 2014

Secretaría de Gestión de Riesgos

Communiqué of Guayaquil, Ecuador

IV Session of the Regional Platform for Disaster Risk

Guay

1. We, participants at the Fourth Session of the Regional Platfo
Reduction in the Americas,[1] meeting in Guayaquil, Ecuador fro
thank the people and Government of the Republic of Ecuador,
Management Secretariat and the Ministry of Foreign Affairs and
the hospitality and support provided for the successful carryi
Session of the Regional Platform:
2. Acknowledge the substantial contributions of the Hyogo Fr
(HFA) 2005-2015 to the formulation of strategies and polic
management.[2] In order progress towards eradicating poverty, re
achieving sustainable and inclusive development, it is necessa

3RD MINISTERIAL
EDUCTION

The 6th Asian Ministerial Conference on Disaster Risk Reduction
Bangkok, Kingdom of Thailand 22 – 26 June 2014

6th AMCDRR
ASIAN MINISTERIAL CONFERENCE ON DISASTER RISK REDUCTION

Bangkok Declaration on Disaster Risk Reduction in Asia and the Pacific 2014

We, the Ministers, and Heads of Delegation of the countries of Asia and the Pacific, attending the Sixth Asian Ministerial Conference on Disaster Risk Reduction (AMCDRR) in Bangkok, hosted by the Royal Thai Government, 22-26 June 2014;

Deeply concerned by the increasing impact and risk of disasters in the Asia-Pacific, including the super typhoon Haiyan in the Philippines; floods in Thailand, China and India; earthquakes in Pakistan; earthquake and tsunami in Indonesia and Japan, and an increasing number of medium and small scale disasters that resulted in huge social, economic and environmental losses in the region; and the adverse impacts of climate change which countries are already experiencing increased impacts.

UN World Conference on Disaster Risk Reduction
2015 Sendai Japan

14-18 March 201
Sendai, Japa

Preparatory Process
PrepCom 1
• **Statements**
Consultations: post-2015 framework for DRR
• Global Platform
• Regional Platforms & meetings
Government announcements and voluntary commitments

Statements

Calls for Science at Prepcom 1

- *65/87 Country and Country Groups Statements*
- *8/10 Major Group Statements*

ory Committee is

FINAL VERSION

Joint UN Statement – 1st Preparatory Committee Meeting (PREPCOM) for the Third UN World Conference on Disaster

The Joint Statement by the UN System delivered at the First Preparatory Committee Meeting of the World Conference on Disaster Risk Reduction (WCDRR) was prepared under the aegis of the UN High Level Programmes Committee Senior Managers Group on Disaster Risk Reduction for Resilience (HLCP/SMG). The HLCP/SMG oversees the implementation of the *UN Plan of Action on Disaster Risk Reduction for Resilience*. Members are FAO, IAEA, IFAD, IFRC, ILO, IMO, IOM, ITU, UNAIDS, UNCCD, UNDP, UNEP, UNESCO, UNFPA, UNHABITAT, UNHCHR, UNICEF, UNISDR, UNOCHA, UNOPS, UNOOSA, UNWOMEN, UNWTO, UPU, WFP, WHO, WMO and the World Bank.

The UN System supports the proposed creation of an international science advisory mechanism to strengthen the evidence base for the implementation and monitoring of the new framework

Co-chairs non paper 8 August 2014

18.d) The Scientific and Technical Committee, established by the General Assembly in its resolution 44/236 of 22 December 1989, should be ***revitalized as an international science advisory mechanism,*** *built on networks and national institutions in order to strengthen the evidence base in support of the implementation and monitoring of this framework; promote scientific research into risk patterns and trends and the causes and effects of disaster risk in society; to promote and support the availability and application of science to decision-making; and to use post-disaster reviews as opportunities to learn and enhance public policy.*

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Science and Technology

Useful

Usable

Used

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Science and technology

Available

Accessible

Accountable

Independent

Transparent

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Four core functions that science can fulfill in support of implementation of the post-2015 framework

- *Synthesis*
- *Assessment*
- *Advisory*
- *Monitoring and review*

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To deliver on this, there are at least two essential enablers

- *Capacity building*
- *Communication and engagement - work in partnership with the users of science to co-identify the critical questions that need answers, co-produce and co-deliver the knowledge that can lead to action, especially at the national and local levels*

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Science and technology

- *Currently do you and your National Platforms and Focal Points use Science and Technology advice/support?*
- *In post-2015 framework how can we work with you to make science and technology more accessible and used at all levels?*

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More information on the post-2015 process:
http://www.preventionweb.net/posthfa/

Towards a post-2015 DRR Framework

- Requested by the UN General Assembly Resolution A/RES/66/199
- UNISDR is facilitating a multistakeholder consultation process and engages a full range of actors from Member States to civil society.
- Consultation events include the Global and Regional Platforms, national and local events, and targeted events of stakeholders, partners and networks.
- Builds on the *International Framework for the International Decade for Natural Disaster Reduction of 1989, the Yokohama Strategy and Plan of Action of 1994, the International Strategy for Disaster Reduction of 1999,* the *Hyogo Framework for Action 2005-2015: Building the Resilience of Nations and Communities to Disasters (HFA),* and *the Mid-Term Review of the HFA (2010-2011).*
- Expected to be adopted at the 3rd World Conference on Disater Risk Reduction and endorsed by the UN General Assembly in 2015.

2013

Consultations started in March 2012 (with some 89 events up to the Global Platform) through 2013...

MINISTERIAL CONFERENCES AND REGIONAL PLATFORMS ON DISASTER RISK REDUCTION

- Feb 13-15 : Africa (Arusha, Tanzania)
- Mar 19-21 : Arab States (Aqaba, Jordan)
- Sep 23-25 : Europe (Oslo, Norway)

MAY 19-23

Global Platform for Disaster Risk Reduction (Geneva, Switzerland)

SEP-NOV

UN Secretary-General's Report and UN General Assembly Resolution on the *International Strategy for Disaster Reduction*

2014

... and continues in 2014

MINISTERIAL CONFERENCES AND REGIONAL PLATFORMS ON DISASTER RISK REDUCTION

- Apr : Central Asia (Almaty, Kazakhstan)
- May 5-8 : Africa (Abuja, Nigeria)
- May 27-29 : Americas (Guayaquil, Ecuador)
- May/Jun : Arab States (Sharm El Sheikh, Egypt)
- Jun 2-4 : Pacific (Suva, Fiji)
- Jun 23-26 : Asia (Bangkok, Thailand)
- Jun/July : Europe (Brussels, Belgium / Ministerial Session)
- 6-8 Oct : Europe (Madrid, Spain / European Forum)

JUL 14-15

1st Preparatory Committee Meeting (Geneva, Switzerland)
Subject to an anticipated decision of the UN General Assembly in 2013

NOV 17-18

2nd Preparatory Committee Meeting (Geneva, Switzerland)
Subject to an anticipated decision of the UN General Assembly in 2013

SEP-NOV

UN Secretary-General's Report and UN General Assembly Resolution on the *International Strategy for Disaster Reduction*

2015

MAR 14-18 / SENDAI, JAPAN

The 3rd World Conference on Disaster Risk Reduction will review the implementation of the Hyogo Framework for Action and is expected to adopt a successor framework for disaster risk reduction.

SEP-NOV

UN Secretary-General's Report and UN General Assembly Resolution on the *International Strategy for Disaster Reduction.* The UN General Assembly Session will also consider the post-2015 disaster risk reduction framework for endorsement.

Version: 16 December 2013

More information on UNISDR:
http://www.unisdr.org

SEE YOU IN JAPAN IN 2015 !

Global Platform
for Disaster Risk Reduction
Fourth session, Geneva, Switzerland
19-23 May 2013

PEOPLE
RESILIENT
PLANET

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