Sendai Framework for Disaster Risk reduction 2015-2030

Yuki Matsuoka, United Nations Office for Disaster Risk Reduction (UNISDR)
@ Session 8: Special Session - Contribution of Sentinel Asia to achieving global agenda
  Sentinel Asia JPTM2018 Awaji (2 November 2018)

In support of the Sendai Framework
for Disaster Risk Reduction 2015 - 2030

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United Nations Office for Disaster Risk Reduction

Disaster Risk Reduction Agenda in Progress

1989: IDNDR 1990-1999
Promotion of disaster reduction, technical and scientific buy-in

1994: 1st WCDR - Yokohama Strategy and Plan of Action
First blueprint for disaster reduction policy guidance

2000: UN International Strategy for Disaster Reduction (UNISDR)

2002: Johannesburg Plan of Implementation- WSSD
Stronger recognition to DRR in the context of sustainable development

2005: 2nd WCDR - Hyogo Framework for Action 2005-2015 - Building the Resilience of Nations and Communities to Disasters

2007 - 2013: 1st to 4th sessions of the Global Platform for Disaster Risk Reduction (@ Geneva) and

Global Assessment Report on DRR (GAR) 2007-2013

GP monitored the progress of the HFA implementation, facilitated further actions and

partnerships, took stocks and shared the lessons learnt and good practices

2015: GAR 2015 and 3rd WCDRR

Sendai Declaration and Sendai Framework for DRR 2015-2030

UN World Conference on
Disaster Risk Reduction
2015 Sendai Japan

2017: 5th Session of the Global Platform for DRR (@ Cancun, Mexico)

2019: 6th Session of the Global Platform for DRR (@ Geneva, Switzerland)

Yokohama Strategy and Plan of Action for a Safer World

Guidelines for Natural Disaster Prevention, Preparedness and Mitigation

World Conference on Natural Disaster Reduction
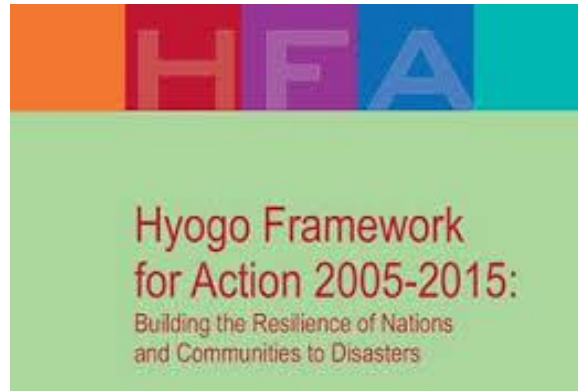
Yokohama, Japan 23-27 May, 1994

IDNDR 1990-2000
International Decade for Natural Disaster Reduction

1st WCDR in 1994 in Yokohma

International Decade for Natural Disaster Reduction
I D N D R
1990 – 2000
Building a Culture of Prevention

Global DRR Agenda progressed through UN

2nd WCDR in 2005 in Kobe, Hyogo

HFA

Hyogo Framework for Action 2005-2015:
Building the Resilience of Nations and Communities to Disasters

3rd WCDRR in 2015 in Sendai

Sendai Framework for Disaster Risk Reduction 2015 - 2030

UN World Conference on Disaster Risk Reduction
2015 Sendai Japan

WCDRR
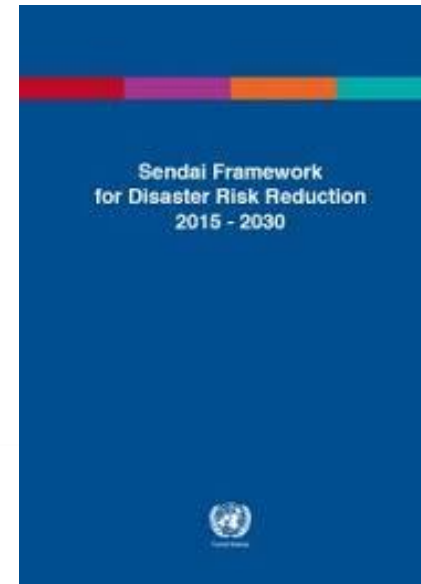
From Hyogo to Sendai
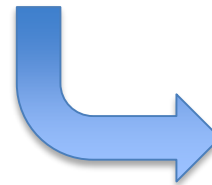
Hyogo Framework for Action

- From disaster losses to disaster risk
- Widening the scope
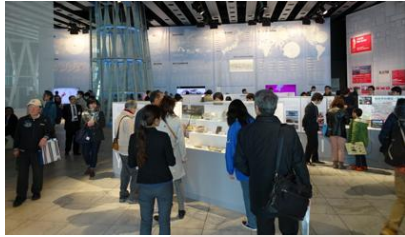- Inclusive disaster risk governance
- Stronger accountability mechanism

Sendai Framework for Disaster Risk Reduction

Structure of the Third UN World Conference On Disaster Risk Reduction

A working session on "Earth Observations and High Technology to Reduce risks" included

Public Forum

Exhibitions, forums and events that are open to the general public

Multi-stakeholder Segment

Working sessions on various topics etc.

(accredited organizations)

Inter-Governmental Segment

Plenary

Ministerial roundtables (5)

High-level multi-stakeholder partnership dialogues (3)

185 Countries

KEY FIGURES

50,000 Public Forum visitors (150,000 entries)

6,500 Registered delegates

25 Heads of States and Governments & Vice Presidents

150 Official sessions
340 Side events
350+ Bilateral meetings

Disability accessible **200+** persons with disabilities

49 IGOs

300+ Business

280+ Local Governments

38 UN entities

780 Journalists

188 NGOs

3500+ Local staff and volunteers

Green conference **3,000+** users of the conference box system saving more than 10 M pages or 124 trees

Sendai Framework summary

Expected Outcome

The substantial reduction of disaster risk and losses in lives, livelihoods and health and in the economic, physical, social, cultural and environmental assets of persons, businesses, communities and countries

Goal

Prevent <u>new</u> and reduce <u>existing</u> disaster risk through the implementation of integrated and inclusive economic, structural, legal, social, health, cultural, educational, environmental, technological, political and institutional measures that prevent and reduce hazard exposure and vulnerability to disaster, increase preparedness for response and recovery, and thus <u>strengthen resilience</u>

13 Guiding Principles

7 Global Targets

① Mortality
② Affected people
③ Direct economic loss
④ Damage to medical and educational facilities
⑤ DRR strategies
⑥ Support to developing countries
⑦ Access to early warning

Priorities for Action

Focused action at national and local levels & global and regional levels

Priority 1	**Priority 2**	**Priority 3**	**Priority 4**
Understanding disaster risk	Strengthening disaster risk governance to manage disaster risk	Investing in disaster risk reduction for resilience	Enhancing disaster preparedness for effective response, and to "Build Back Better" in recovery, rehabilitation and reconstruction

Roles of Stakeholders

Civil society, volunteers, community (women, children and youth, persons with disabilities, etc.)	Academia, scientific and research entities and network	Business, professional associations and financial institutions	Media

International Cooperation and Global Partnership

General considerations	Means of implementation	Support from international organization	Follow-up actions

7 GLOBAL TARGETS

Reduce

a **Mortality/** global population
2020-2030 Average << 2005-2015 Average

b **Affected people/** global population
2020-2030 Average << 2005-2015 Average

c **Economic loss/** global GDP
2030 Ratio << 2015 Ratio

d **Damage to critical infrastructure & disruption of basic services**
2030 Values << 2015 Values

Increase

e **Countries with national & local DRR strategies**
2020 Value >> 2015 Value

f **International cooperation** to developing countries
2030 Value >> 2015 Value

g **Availability and access** to multi-hazard early warning systems & disaster risk information and assessments
2030 Values >> 2015 Values

Sendai Framework - Innovations

- Shift from **disaster loss** to **disaster risk**

- Shift from disaster management to **disaster <u>risk</u> reduction and management;**

- Shift from "**what to do?**" to "**how to do?**"

- Focus on **<u>people-centred</u>** preventive approach to DRR

- **Primary** responsibility of States for DRR

- **Shared** responsibility for DRR with stakeholders **<u>"All of Society Engagement and Partnership"</u>**

- Set of global **targets**;

- Set of guiding **principles**;

- **Four priorities for Action**

4 PRIORITIES FOR ACTION

Priority 1 — Understanding disaster risk
Policies and practices for DRR should be based on an understanding of disaster risk in all its dimensions of vulnerability, capacity, exposure of persons and assets, hazard characteristics and the environment.

Priority 2 — Strengthening disaster risk governance to manage disaster risk
Disaster risk governance at the national, regional and global levels is of great importance for an effective and efficient management of disaster risk.

Priority 3 — Investing in disaster risk reduction for resilience
Public and private investment in DRR are essential to enhance the economic, social, health & cultural resilience of persons, communities, countries, their assets, as well as environment

Priority 4 — Enhancing disaster preparedness for effective response, and to "Build Back Better" in recovery, rehabilitation and reconstruction
Strengthened disaster preparedness for response, recovery, rehabilitation and reconstruction are critical to build back better

National and local dimensions

Regional and global dimensions

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Reference to space technology

Priority 1. Understanding disaster risk

Policies and practices for disaster risk management should be based on an understanding of disaster risk in all its dimensions of vulnerability, capacity, exposure of persons and assets, hazard characteristics and the environment.

Such knowledge can be leveraged for the purpose of pre-disaster risk assessment, for prevention and mitigation and for the development and implementation of appropriate preparedness and effective response to disasters.

To achieve this, it is important:

National and local levels

24 (f) To promote real time access to reliable data, make use of space and in situ information, including geographic information systems (GIS), and use information and communications technology innovations to enhance measurement tools and the collection, analysis and dissemination of data
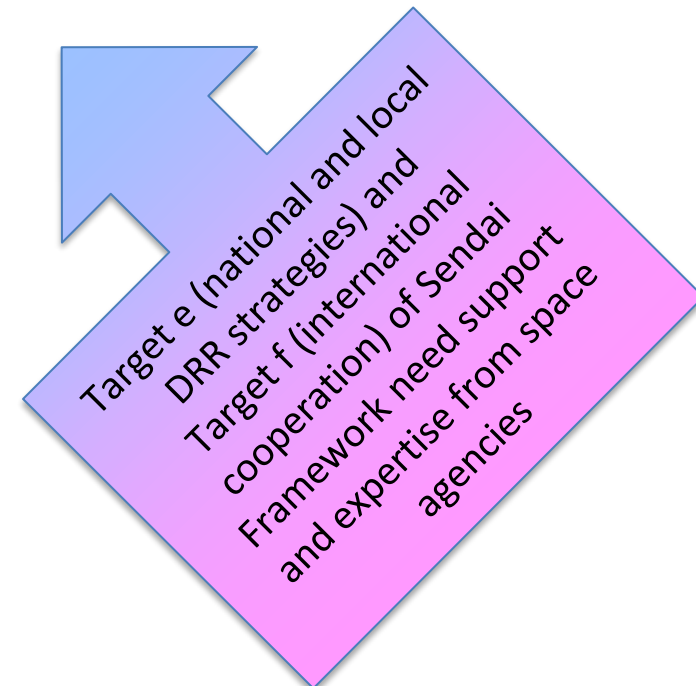
Global and regional levels

25 (c) To promote and enhance, through international cooperation, including technology transfer, access to and the sharing and use of non-sensitive data and information, as appropriate, communications and geospatial and space-based technologies and related services; maintain and strengthen in situ and remotely-sensed earth and climate observations; and…

Going back to Sendai Framework innovations

- Shift from disaster management to **disaster <u>risk</u> reduction and management;**
- Shift from "**what to do?**" to "**how to do?**"
- Focus on **<u>people-centred</u>** preventive approach to DRR Etc.

Expectations to the group of space agencies through its expertise and technologies

- *beyond disaster monitoring after a disaster occurs*
- *support disaster risk management*
- *support disaster risk assessment*
- *user friendly*
- *support risk informed decision making*
  (local and national strategies development)
- *support recovery efforts*
- *share progress and good practices in Global Platform and Regional Platform*

Target e (national and local DRR strategies) and Target f (international cooperation) of Sendai Framework need support and expertise from space agencies

Monitoring the Sendai Framework for Disaster Risk Reduction (2016 – 2021)

Validation of Sendai Framework Monitor prototype

Readiness review of data availability and baselines by Members States

UNISDR provides regional and global overview and analysis of the achievement of global and national targets

UNGA adopts OEIWG global indicators for the Sendai Framework and SDGs

Global Platform for disaster risk reduction Mexico

Review and validation of reporting by Member States

Review and validation of reporting by Member States

G∀R19

G∀R21

Regional Platforms for disaster risk reduction

Global Platform for disaster risk reduction

Regional Platforms for disaster risk reduction

Global Platform for disaster risk reduction

2016   2017   2018   2019   2020   2021

Development of the infrastructure of the online Sendai Framework Monitor

All Member States are expected to achieve the Sendai Framework global target E

Member States retrofit existing and build new national disaster loss databses
Member States develop nationally appropriate targets and indicators

Biennial monitoring cycles of the achievement of the Sendai Framework (synchronised with SDGs monitoring)

First cycle   Second cycle   Third cycle   Fourth cycle

HLPF   HLPF   HLPF   HLPF   HLPF

Reporting to the HLPF on progress in implementing the Sendai Framework and relevant SDGs

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global platform for disaster risk reduction

Geneva, Switzerland, 13-17 May 2019

ORGANIZED BY
UNISDR
The United Nations Office for Disaster Risk Reduction

HOSTED BY
Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

POWERED BY
PreventionWeb

Resilience Dividend:
Towards
Sustainable and
Inclusive
Societies

SENDAI FRAMEWORK
FOR DISASTER RISK REDUCTION 2015-2030

Explore the GP theme here

Ms. Mami Mizutori
Special Representative of the
UN Secretary-General for Disaster Risk Reduction

" The Global Platform is an opportunity for us to come together to renew and accelerate our efforts to implement the Sendai Framework for Disaster Risk Reduction. Achieving its targets for reducing disaster losses is a challenge and an opportunity to make the world a safer and more resilient place for future generations. "

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Registration

Online registration for the 2019 Global Platform is now open,
and participants are requested to register early.

➡ https://unisdr.org/go/gp2019

Venue

The Conference will be held at the International Conference
Centre Geneva (CICG)

#GP2019Geneva   #TheResilienceDividend   #SendaiFramework

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Thank you very much.

For more information:

www.unisdr.org & www.preventionweb.net

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