



IFI regional activities in the Asia Pacific region

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1.Introduction



Flood risk and its management

Risk Management

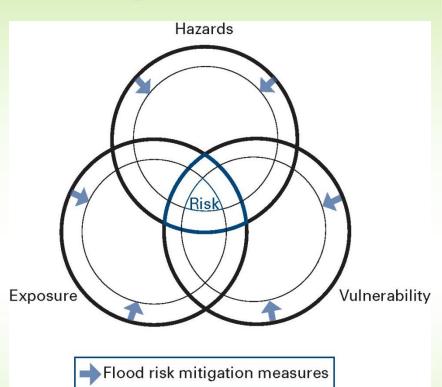
Water Cycle as a whole

Multi-hazard approach



Inter-disciplinary

Stakeholders participation





Integrated Flood Managemen

→Flood Management in the context of Integrated Water Resources Management, aiming at:

- **Sustainable development**: balancing development needs and flood risks
- Maximising net benefits from floodplains: ensure livelihood security and poverty alleviation thereby reducing vulnerability
- Minimising loss of life: in particular through end-to-end FF&W Systems and preparedness planning for extreme events
- Environmental preservation: ecosystem health & services



2. IFI



MISSION STATEMENT: The International Flood Initiative (IFI) promotes an integrated approach to flood management to take advantage of floods and use of flood plains while reducing the social, environmental and economic risks.

OVERALL

INITIA

OBJECTIVE:

To build the capacity necessary to understand and better respond to flood hazards, vulnerabilities and benefits.

IFI's GUIDING PRINCIPLES:

INTERNATIONAL

Living with Floods Equity

Empowered participation

Inter-disciplinarily and trans-sectorality. www.ifi-home.info Initiated at UN Global Conference for Disaster Risk Reduction in Kobe, January 2005

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In Close Collaboration with:









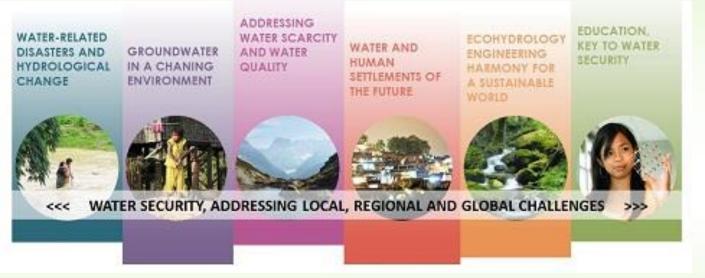
UNESCO

International Hydrological Programme (IHP)

VIII Phase 2014-2021



United Nations Educational, Scientific and Cultural Organization



Theme 1 Water-Related Disasters and Hydrological Change

Focal Area 1.1: Risk management as adaptation to global changes. Focal Area 1.2: Understanding coupled human and natural processes. Focal Area 1.3: Benefiting from global and local Earth observation systems. Focal Area 1.4: Addressing uncertainty and improving its communication. Focal Area 1.5 – Improve scientific basis for hydrology and water sciences for preparation and response to extreme hydrological events.

3. IFI next step in the Asia Pacific region







UN World Conference on Disaster Risk Reduction 2015 Sendai Japan WCDRR-UN World Conference on Disaster Risk Reduction in Sendai, 14-18 March 2015



(g) Substantially increase the availability of and access to multi-hazard early warning systems and disaster risk information and assessments to the people by 2030 (a) Substantially reduce global disaster mortality by 2030, aiming to lower average per 100,000 global mortality between 2020-2030 compared to 2005-2015

> Sendai Framework for Action: 7 global targets to guide action on DRR and DRM over the next 15 years:

(b) Substantially reduce the number of affected people globally by 2030, aiming to lower the average global figure per 100,000 between 2020-2030 compared to 2005-2015

(c) Reduce direct disaster

economic loss in relation to

global gross domestic

product (GDP) by 2030

DRIVIOVER the next 15 ye bugh r 130

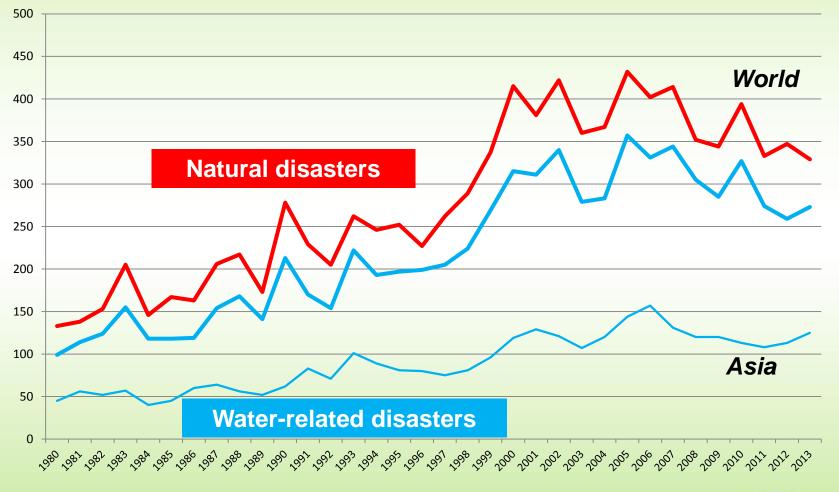
(f) Substantially enhance international cooperation to developing countries through adequate and sustainable support to complement their national actions for implementation of this framework by 2030

> (e) Substantially increase the number of countries with national and local disaster risk reduction strategies by 2020

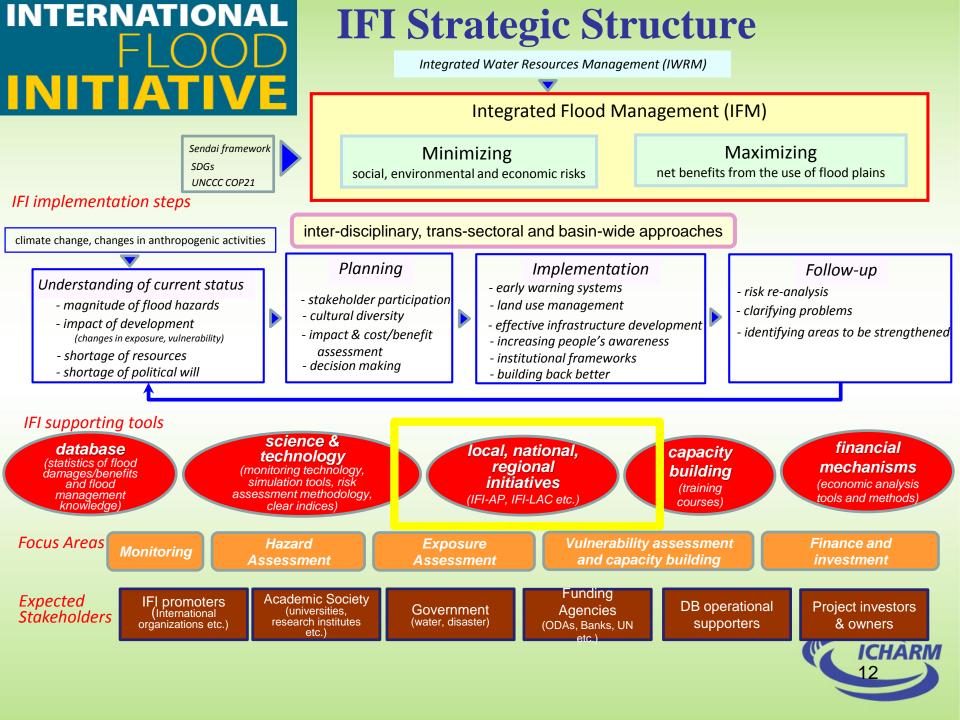
(d) Substantially reduce disaster damage to critical infrastructure and disruption of basic services, among them health and educational facilities, including through developing their resilience by 2030



Increasing Water Related Disasters







4. Way forward



INTERNATIONAL FLOOD INITIATIVE

Timeframe

14-18 Mar. 2015 UN WCDRR in Sendai, Japan 12-17 Apr. 2015 WWF7 in Daegu, Korea

21 Oct. 2015 UNESCO-IHP RSC in Medan, Indonesia

4-6 Nov. 2015 World Science Forum, Butapest, Hundary (6 Nov. 2015 High Level Discussion, DRR session)

17 Nov. 2015 HELP in NY, USA

18 Nov. 2015 Second UN Special Thematic Session on Water and Disasters in NY, USA

18-19 February 2016 G-Science, Science Council of Japan, Tokyo, Japan

February 2016 Asia Water Cycle Symposium, Tokyo, Japan

26-27 May 2016 G7, Ise-shima, Japan



INTERNATIONAL FLOOD Our actions toward the direction (1)

What should we do and what can we do from science and technology aspect for DRR and water? For the secretariat:

- Arranging the consensus building for the concept
- Informal communications among the partners
- Consolidation of the above by January 2016
- Formal initiation of IFI regional framework in February 2016 (AWCI symposium)



INTERNATIONAL FLOOD Our actions toward the direction (2)

What should we do and what can we do from science and technology aspect for DRR and water? For the Partners:

- Consensus on the concept of IFI
- Action list(s) based on the concept
- Planning and implementation
- Follow-ups and sharing among the partners
-and more!



Thank you for your attention.

- lot of

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