



World Meteorological Organization

Weather • Climate • Water

Water Disasters Activating International Initiative

Second UN Special Thematic Session on Water and Disasters
November 18th, 2015 UN HQ, New York

The Challenge

Understanding disaster risk

- Data & Information – The monitoring challenge

Strengthening disaster risk governance

- Processes & Structures – The awareness and institutional challenge

Investing in disaster risk reduction for resilience

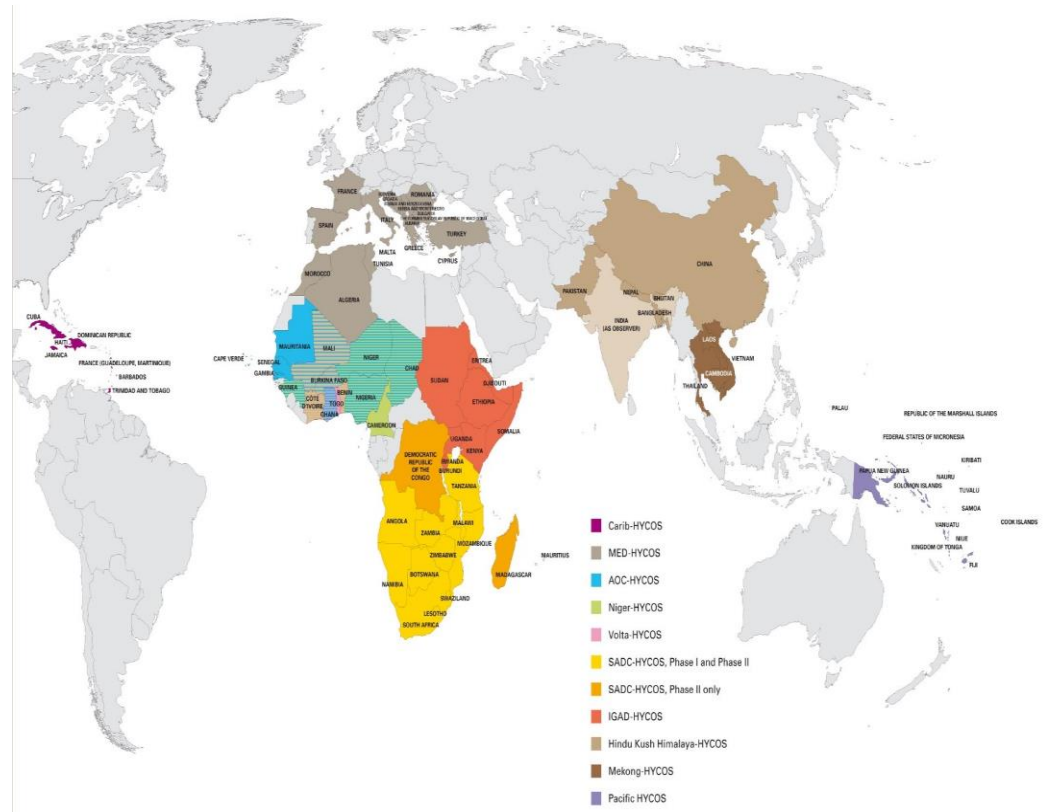
- The resources challenge

Enhancing disaster preparedness for effective response

- Forecasting, warning & protection – The communication challenge

Potential for cooperation - IFI

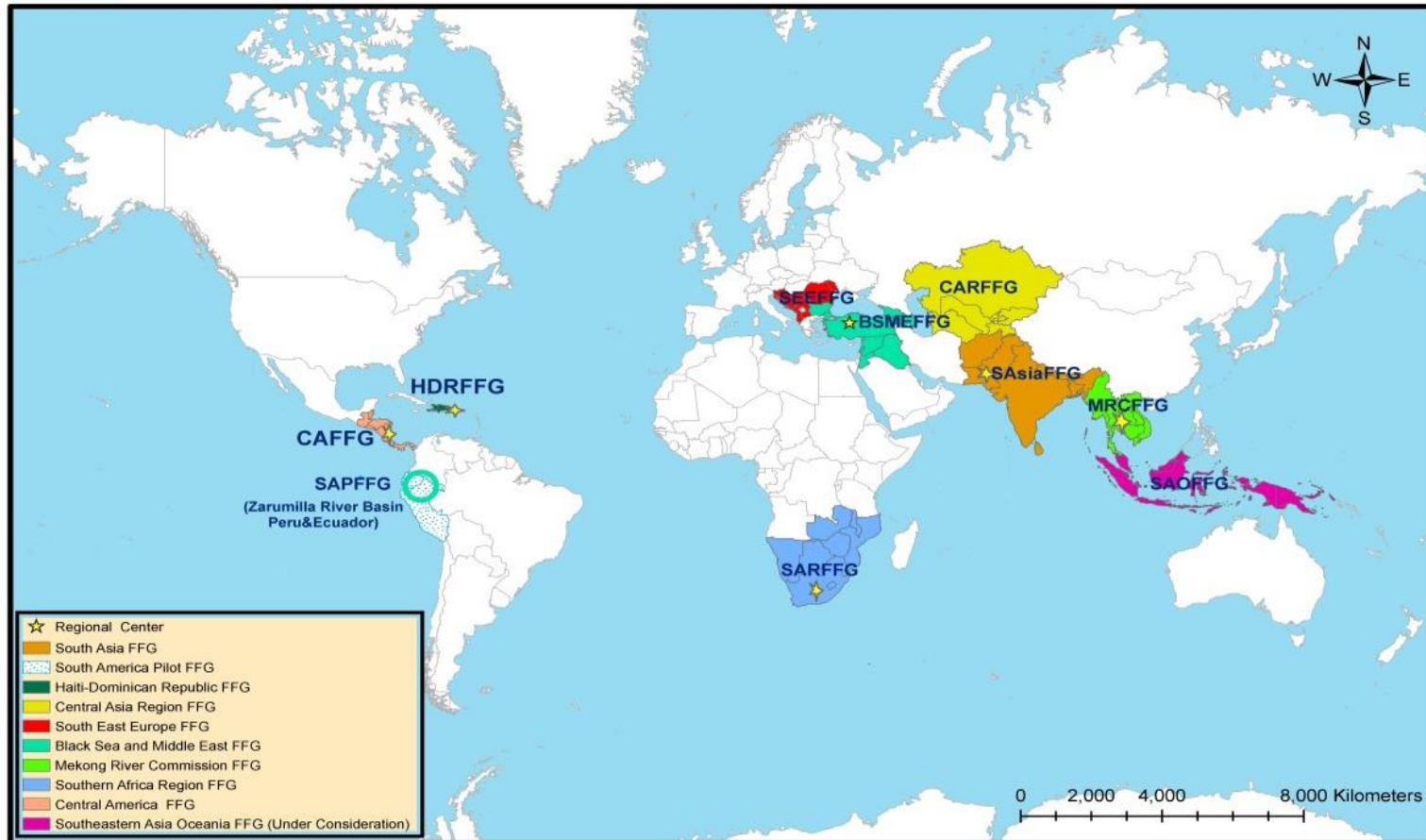
- **WHYCOS - WMO global framework programme** aiming at:
 - improving basic observation activities and data management
 - strengthening international cooperation and data exchange
- Implemented through independent but coordinated **basin-wide regional components**



Potential for cooperation - IFI



GLOBAL FLASH FLOOD GUIDANCE SYSTEM COVERAGE



Issues

Secure reliable baseline info for monitoring, warning & response

Decide on acceptable risk (damage/yr, fatalities/yr, disruption)

Decide on optimum combination of measures with regard to uncertainties)

Bring the science base to the understanding of the decision makers

Reach affected people (Multi Hazard EWS)

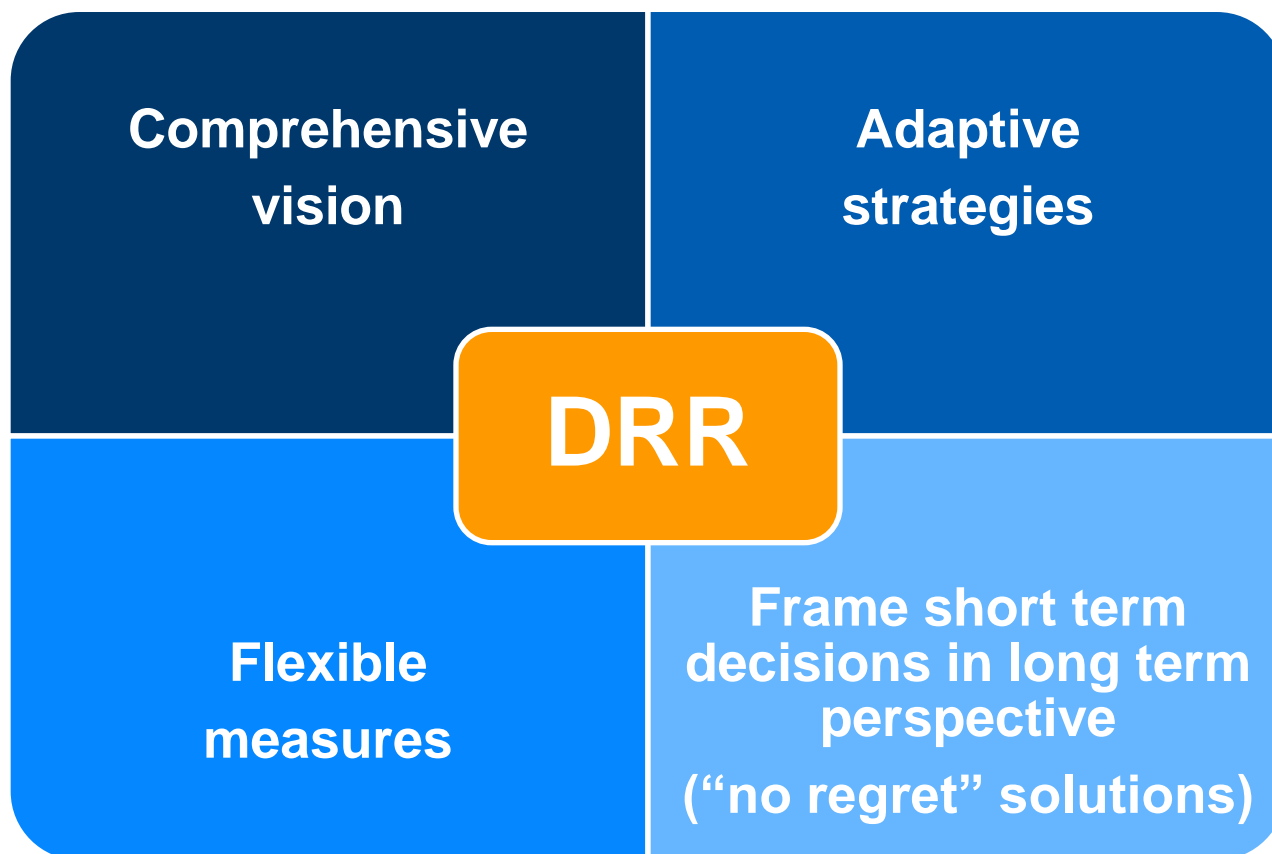
Integrated Multi Hazard EWS

1. To identify effective strategies and actions to promote and strengthen
2. To facilitate the sharing of good practice and making available to governments and key stakeholders policy-relevant
3. To promote synergies and partnerships between and among stakeholders at national, regional and international levels
4. To advocate the usefulness of MHEWS in regional and international contexts

Lessons learnt

In light of the different aspects to be considered (economic growth, demographic pressure, climate variability and change),

water management strategies for DRR should reflect:





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