



World Meteorological Organization

Working together in weather, climate and water

Commitments and Action undertaken under the UNSGAB Water and Disaster Action Plan

Wolfgang E. Grabs
Chief, Hydrological Forecasting and Water Resources Division
Climate and Water Department

Charting a Global Agenda for Water-related Disaster Risk Reduction

Global Platform on Disaster Risk Reduction
19 June 2009



Action 2

National governments to promptly develop people centered warning systems, comprehensive flood risk maps and assessments linked to communication systems such as cell phone networks. These systems to include observation and warnings for flash floods.

- **Flash Flood Guidance System with global coverage**
 - **HelpDesk for Integrated Flood Management established as a conduit for national governments to express their requirements as part of comprehensive flood management strategies**
(www.floodmanagement.info)
 - **Guidelines on Flood Mapping under preparation**
-



Action 7

Regional Climate Centers are needed and should provide outputs to national hydro climatic agencies which link users with early warnings, climate predictions, risk assessments and climate change scenarios.

- Beijing Climate Centre (BCC) and Tokyo Climate Centre (TCC) have successfully demonstrated their compliance with the mandatory requirements for formal WMO RCC designation and have been designated as WMO RCCs in Regional Association II (Asia).
- India, the Islamic Republic of Iran, Saudi Arabia and the Russian Federation have initiated actions to establish RCCs as well.
- WMO Regional Association VI (Europe) has launched a pilot project to establish an RCC–Network for the Region, with nodes for climate data (the Netherlands), long-range forecasting (France and Russian Federation) and climate monitoring (Germany)



Action 11

International River Basin Organizations to develop early warning systems in transboundary river basins and secure assistance from international financial institutions for their implementation.

→ WMO's WHYCOS programme including on-going projects such as in the Mekong river and project development for the Zambezi river



Action 18

IPCC and World Climate Conference to produce specific recommendations on the topic of water and disasters in their 2009 events and the follow-up processes.

- World Climate Conference 3 :
 - Plenary session: « Climate extremes, warning systems and DRR » (2 Sept. '09)
 - Round table discussion « Climate Risk Management » 31 August '09)
 - Working session on « Regional Climate Information for Risk Management » (2 Sept. '09)
- IPCC Special Report on “Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation” planed for release 2011



Action 19

WMO/GWP/UNESCO to create a database on best practice in responding to early warnings, and to approach NGOs and local authorities active in community-based flood risk management to register their experience.

- First step: Virtual Forum on Best practice for flood warning response established as part of the HelpDesk for Integrated Flood Management www.floodmanagement.info or directly at <http://www.apfm.info/apfm/node/30>
-



Action 34

National governments to declare hydro-climatic data as public goods to be shared at all levels (regional, national and local) in order to assist in disaster risk reduction.

→ Commitments of Governments under WMO Resolutions 40 and 25 “Members shall provide on a free and unrestricted basis those hydrological data and products which are necessary for the provision of services in support of the protection of life and property and for the well-being of all peoples”



IFM HelpDesk

A facility that provides **guidance on flood management policy, strategy, and institutional development related to flood issues to countries that want to adopt the IFM concept**



No Disaster Assistance or
Flood Emergency Response Functions !!!

Thank you!

www.floodmanagement.info

