



World Meteorological Organization

Weather • Climate • Water

Major Decisions of WMO Congress and Executive Council on DRR

2015 Meeting of the Disaster Risk Reduction Focal Points of WMO Regional Associations, Technical Commissions and Programmes (DRR FP RA-TC-TP)

3-5 November 2015, Geneva

Mr James Douris

Project Officer, Disaster Risk Reduction Services Division (DRR)

Weather and DRR Services Department (WDS)

WMO Congress 16 (1/5)

The sixteenth World Meteorological Congress (Cg-XVI) in 2011, through its Resolution 52 (Cg-XVI),

- **Approved the strategic priorities** and an implementation framework for the cross-cutting WMO Disaster Risk Reduction (DRR) Programme.
- EC-64 approved the **WMO DRR Work Plan for 2012-2015** that consisted of a two tier implementation approach to the DRR Programme
 - (i) development of knowledge products related to DRR such as guidelines and other thematic publications as well as training for National Meteorological and Hydrological Services (NMHSs) and external partners; and
 - (ii) national DRR and climate adaptation capacity development and demonstration projects and regional cooperation projects.



Executive Council 64 (2/5)

EC-64 endorsed the establishment of four DRR User-Interface Expert Advisory Groups (UI-EAGs) as coordinated platforms to Guide documentation of good practices and development of user needs and requirements for products and services to support thematic areas in DRR decision making specifically:

- Identify and prioritize user needs and requirements for weather, hydrological and climate products and services and as input to the TCs' activities pertaining to the development of related guidelines, manuals, and standards;
- Facilitate engagement of the user community in the implementation of DRR and adaptation capacity development projects with WMO TCs, RAs and global operational network (e.g., GDPFS, GTS/WIS, WIGOS) to demonstrate utilization of such products and services in DRR decision-making;
- Support development of and provide feedback on the WMO DRR knowledge products; and,
- Support the implementation of the DRR Work Plan



Executive Council 64 (3/5)

EC-64 endorsed specifically the establishment of the following user-interface mechanisms:

1. UI-EAG on **Climate Services for Hazard/Risk Analysis** (EAG-HRA);
2. UI-EAG on **Multi-Hazard Early Warning Systems** (EAG-MHEWS);
3. UI-EAG on **Climate Services for Disaster Risk Financing** (EAG-DRF); and,
4. An Inter-commission ad-hoc Task Team on Meteorological, Hydrological and Climate Services for Improved **Humanitarian Planning and Response**, established under the Commission for Basic Systems (CBS) with the Commission for Climatology (CCI) and the Commission for Hydrology (CHy).



WMO Congress 17 ^(4/5)

- Requested the DRR FP TC-TP to **include focal points of the regional associations**
- UI-EAGs can **contribute to and strengthen the GFCS DRR User Interface Platform**
- Review and **update training DRR training materials** in alignment with the Sendai Framework on DRR and the WMO DRR Roadmap
- Revise and update Arrangements for **the provision of Meteorological Assistance to United Nations Humanitarian Missions** described in the manual on the GDPFS
- Develop a draft working arrangement that elaborates roles and responsibilities for the **coordination of WMO's response to Members request for assistance.**
- Requests WMO participation in the development and implementation of **International Network for Multi-Hazard Early Warning Systems (IN-MEWS)**



WMO Congress 17 (5/5)

- Decided to **standardize weather**, water, climate, space weather and other related environmental hazard and risk information and develop identifiers for **cataloguing weather, water and climate extreme events** (Cg17 resolution 9)
- Further **strengthen WMO partnerships with UNISDR and other relevant partners** for the implementation of national / regional projects in line with the Sendai Framework Agreement (SFDRR)
- **Assist members** in the effective **implementation of the SFDRR** through;
 - Developing DRR knowledge products
 - Assisting with the coordinated national /regional DRR capacity development activities
 - Promoting, engaging in, and facilitating multi-stakeholder partnerships on different levels
- Further development of the **WMO DRR Roadmap** for submission to EC-68
- Organize an international **MHEWS conference** to help facilitate wider implementation and awareness of MHEWS among Members



Executive Council 67: EC WG on DRR (1/2)

Established the Executive Council Working Group on DRR to provide guidance on implementation of the DRR Programme, in particular with respect to:

- (a) **Aligning the DRR Programme with the Sendai Framework** for Disaster Risk Reduction;
- (b) **Developing the WMO DRR Roadmap** and its subsequent updates as required;
- (c) **Strengthening coordination mechanisms** among WMO Programmes, technical commissions, regional associations, the Secretariat and relevant partners and cosponsored programmes;
- (d) **Reviewing the implementation approaches and outcomes of the regional/national cooperation projects** and programmes in DRR, and assessing their effectiveness; developing new projects and/or expanding existing ones;
- (e) **Documenting good practices and developing guidelines in the thematic areas of the DRR Programme;**
- (f) **Standardization of hazard information for loss and damage assessment;**
- (g) **Capacity development approaches for WMO DRR activities;**



Executive Council 67: EC WG on DRR (2/2)

- (h) Engaging NMHSs to fully support, as an important contributor to disaster risk management, national reconstruction and DRR planning following a major disaster;
- (i) **Coordinating emergency response activities**, such as those related to airborne hazards;
- (j) **Strengthening cooperation and coordination between providers of weather-, climate and hydrology-related products and services and users** (customers) in the public and private sectors, including the media, academia, social and economic sciences, international and intergovernmental agencies and non-governmental organizations, at national and international levels;
- (k) **Strategies and priorities that can be applied by NMHSs in the implementation of the WMO Strategy for Service Delivery**, in particular in early warning;
- (l) **Participation of WMO in the International Network for Multi-hazard Early Warning Systems**;



DRR Programme Governance Mechanisms



WMO DRR Governance Mechanisms

Strategic direction

Congress

Implements decisions of Congress, coordinates the programmes, examines the utilization of budgetary resources, considers and takes action on recommendations of RAs and TCs and guides their work programmes

Executive Council

Operational oversight, guidance on implementation of the DRR Programme

EC Working Group on DRR

Coordination with RAs, TCs, and TPs; specific DRR Programme governance; User-interface and implementation mechanisms

WMO DRR
FP RA-TC-TP

WMO PTC/PRA

EAG - HRA

EAG - MHEWS

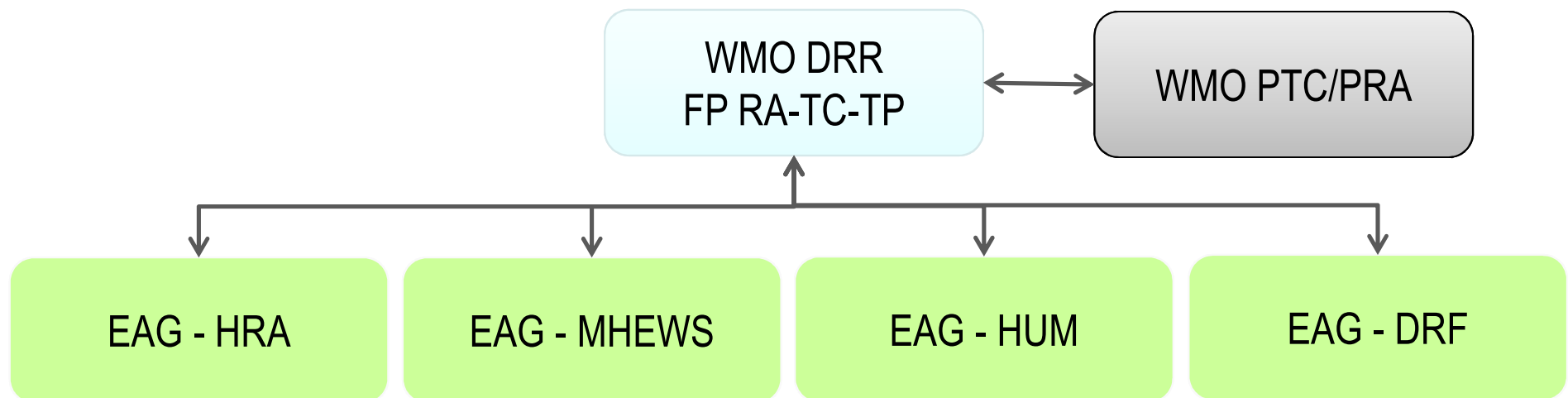
EAG - HUM

EAG - DRF

WMD DRR Governance Mechanisms

WMO DRR FP RA-TC-TP

- Develop **recommendations** for thematic priorities and priority activities for **leveraging relevant activities** of WMO RAs, TCs, and TPs to **support the implementation** of the **WMO DRR Roadmap** and the **WMO Strategy for Service Delivery**;
- Carry out **consultations with the management groups** and presidents of RAs and TCs as well as with other inter-commission / inter-programme mechanisms **on their work planning, (project) implementation**, and related issues;
- **Propose multi-disciplinary working groups** with relevant expertise from the RAs, TCs, and TPs to **support the implementation of concrete projects**; and,
- **Support** the development of a **monitoring and reporting mechanism** for the inter-commission and inter-programme activities under the WMO DRR Roadmap, supporting its implementation



WMO DRR EAGs

- Guide documentation of good practices and development of user needs and requirements for products and services to support thematic areas in DRR decision making;
- Support development of and provide feedback on the WMO DRR knowledge products; and,
- Support the implementation of the DRR Work Plan

EAG on Hazard and Risk Assessment

Description

This EAG focuses on issues related to standards and guidelines for hazard definition, classification and standardization of hazard databases, metadata and statistical and forecasting techniques for hazard analysis to support loss and damage data collection and risk modelling.

Membership

- *WMO Members:* Australia, Canada, China, France, Germany, Japan, Netherlands, Russian Federation, Switzerland, United Kingdom, United States of America
- *International organizations:* CRED, EC Joint Research Centre (JRC), GEO, OECD, UNDP, UNFCCC, UNISDR, World Bank (GFDRR) (UNECE, UNEP, UNESCAP)
- *Others/Private sector:* Munich Re, Swiss Re, OASIS Loss Modelling Framework Limited, Risk Management Solutions (RMS), Willis Research Network (WRN), CIMA Foundation, IRDR/University of Kentucky

Meetings

- First Technical Workshop on Standards for Hazard Monitoring, Data, Metadata and Analysis to Support Risk Assessment (10-14 June 2013)
- Side event at the Understanding Risk Forum (London, United Kingdom, 2 July 2014)
- Workshop on Requirements for Weather, Climate and Hydrological Services to Support Loss and Damage Data Collection and Risk Modelling (London, United Kingdom, 4 July 2014)

Publications:

- Atlas of Mortality and Economic Losses from Weather, Climate and Water Extremes (1970–2012)

Planned activities:

Provision of advice on:

- Development of identifiers for cataloguing extreme weather, water and climate events
- Update of the Atlas of Mortality and Economic Losses from Weather, Climate and Water Extremes (2016)

EAG on Multi-Hazard Early Warning Systems

Description

This EAG will focus on the operational aspects of MHEWS, building on the principles of QMS, as well as provide input to the International Network on MHEWS (IN-MHEWS). In the past this EAG was comprised of a team of experts (both NMHS and DRM agencies) from countries of good practice as well as from a number of international organizations.

Membership

- *WMO Members:* Bangladesh, Canada, China, Cuba, France, Germany, Japan, Italy, South Africa, USA
- *International organizations:* IFRC, UNESCAP, UNHCR, UNICEF, UNISDR, WHO, World Bank (GFDRR), (UNOCHA, WFP, FAO, UNHCR, UNDP, UNESCO-IOC, ITU, UNEP)

Meetings

- Second Expert Symposium on Multi-Hazard Early Warning Systems with Focus on the Role of National Meteorological and Hydrological Services (Toulouse, France, 5-7 May 2009)
- WMO International Symposium on MHEWS and Service Delivery (WCDRR, Sendai, Japan, 16 March 2015)
- Training workshops in Costa Rica (10-12 December 2013, 22-26 March 2010), Barbados (2-5 November 2010), Jamaica (6 December 2010) and Croatia (1-3 October 2009)

Publications

- Institutional Partnerships in Multi-Hazard Early Warning Systems: A Compilation of Seven National Good Practices and Guiding Principles (2012)
- Strengthening of Risk Assessment and Multi-Hazard Early Warning Systems for Meteorological, Hydrological and Climate Hazards in the Caribbean: Final Report (2012)
- Strengthening Multi-Hazard Early Warning Systems and Risk Assessment in the Western Balkans and Turkey: Assessment of Capacities, Gaps and Needs (2012)

Planned activities

- Draft guidelines on MHEWS (to be published in 2016)
- Support the IN-MHEWS and International Conference on MHEWS (IC-MHEWS) in 2016
- Support to SOP development for MHEWS in Tanzania, Mauritius and others as requested

EAG on Humanitarian Planning and Response (and CBS (DPFS-PWS) Task Team on the Provision of Operational Meteorological Assistance to Humanitarian Agencies

Description

This EAG focuses on development of requirements of the humanitarian community for meteorological and climate services.

Membership

- *WMO Members:* Members of the CBS (DPFS-PWS) Task Team on the Provision of Operational Meteorological Assistance to Humanitarian Agencies (Australia, Canada, United Kingdom, Ireland); selected WMO DRR Focal Points of RAs, TCs, and TPs; Chair: Michel Jean (Canada)
- *Specialized Centres:* ACMAD, CIIFEN, IRI
- *International organizations:* EC (ECHO, JRC), ECMWF, IFRC, UNDRI UNHCR, UNICEF, UNITAR-UNOSAT, UNOCHA, WFP, WHO

Meetings

- Working-Level Brainstorming Session on Meteorological Services to for Improved Humanitarian Contingency Planning and Response (Geneva, Switzerland, 17 April 2009)
- First Meeting of the Task Team on Meteorological Services for Improved Humanitarian Planning and Response (Geneva, Switzerland, 31 August - 2 September 2010)
- First Meeting of the CBS (DPFS-PWS) Task Team on the Provision of Operational Meteorological Assistance to Humanitarian Agencies (Geneva, Switzerland, 15-17 July 2013)
- Second Meeting of the Task Team on the Provision of Operational Meteorological Assistance to Humanitarian Agencies (Geneva, Switzerland, 8-10 July 2014)

Publications

- Requirements for Humanitarian planning and response (draft)

Planned activities

- Through the CBS (DPFS-PWS) Task Team on the Provision of Operational Meteorological Assistance to Humanitarian Agencies a demonstration project in alignment with SWFDP is being planned for East Africa.

EAG on (Climate Services for) Disaster Risk Financing (Financial Risk Transfer)

Description

This EAG focuses on developing requirements for climate services for disaster risk financing such as ex-ante and post-disaster government funding mechanisms, insurance and external development funding.

Membership

WMO Members: China, Ethiopia, Malawi, Morocco, Russian Federation, United Kingdom, United States of America

International organizations: CIMH, CSIRO (Australia), IFAD, UNEP-FI, UNFCCC, UNISDR, WFP

Others/Private sector: University of Kentucky, Geneva Association, Willis Research Network, World Bank (GFDRR), Munich Re, Swiss Re

Meetings

- First Meeting of the WMO Expert Advisory Group on Financial Risk Transfer (EAG-FRT I) (Geneva, Switzerland, 13-14 December 2011)

Planned activities:

- Book on good practices in disaster risk financing (to be published by Q4 2016/Q1 2017)
- Other activities to be identified in their next meeting (Q1 2016)

