

Constituent Body Reform, WMO in the 21st Century



1873



2050

Congress-17 Decision (2015)

“Congress requested the Executive Council to provide recommendations to the Eighteenth Congress on constituent body constructs, as appropriate, including possible new structures for TCs, RAs, EC, and also to provide recommendations on rules, procedures, processes, working mechanisms, and duties, of constituent bodies, WMO Officers (President, vice- presidents, PRAs and PTCs) and the relationship between them and the WMO Secretariat to enhance the efficiency and effectiveness of the Organization and good governance.”

▷ REFORM IS NOT A MATTER OF WILL, IT IS A MUST

EC/Member driven process, Secretariat as facilitator

WMO Strategic Operating Plan

Vision 2030

By 2030, a world where all nations, especially the most vulnerable, are more resilient to the socioeconomic impact of extreme weather, climate, water and other environmental events, and empowered to boost their sustainable development through the best possible services, whether over land, at sea or in the air

Overarching Priorities

Enhancing preparedness for, and reducing losses of life and property from hydrometeorological extremes

Supporting climate-smart decision making to build resilience and adaptation to climate risk

Enhancing socioeconomic value of weather, climate, hydrological and related environmental services

Core Values

• Accountability for Results and Transparency • Collaboration and Partnership • Inclusiveness and Diversity •

Long-Term Goals

1
Better serve societal needs:
Delivering authoritative, accessible, user-oriented and fit-for-purpose information and services

2
Enhance Earth system observations and predictions:
Strengthening the technical foundation for the future

3
Advance targeted research:
Leveraging leadership in science to improve understanding of the Earth system for enhanced services

4
Close the capacity gap:
Enhancing service delivery capacity of developing countries to ensure availability of essential information and services

5
Strategic realignment of WMO structure and programmes:
Effective policy- and decision-making and implementation

Strategic Objectives

2020-2023 focus

- 1.1 **Strengthen national multi-hazard early warning/alert systems** and extend reach to better enable effective response to the associated risks
- 1.2 Broaden the provision of **policy- and decision-supporting climate information and services**
- 1.3 Further develop **services** in support of **sustainable water management**
- 1.4 Enhance the value and innovate the provision of **decision-supporting weather information and services**

- 2.1 Optimize the **acquisition of observation data** through the WMO Integrated Global Observing System
- 2.2 Improve and increase **access to, exchange and management of current and past Earth system observation data and derived products** through the WMO Information System
- 2.3 Enable **access and use of numerical analysis and prediction products** at all temporal and spatial scales from the WMO seamless Global Data Processing and Forecast System

- 3.1 **Advance scientific knowledge of the Earth system**
- 3.2 Enhance the **science-for-service value chain** ensuring scientific and technological advances **improve predictive capabilities**
- 3.3 **Advance policy-relevant science**

- 4.1 **Address the needs of developing countries** to enable them to provide and utilize essential weather, climate, hydrological and related environmental services
- 4.2 **Develop and sustain core competencies and expertise**
- 4.3 **Scale-up effective partnerships for investment** in sustainable and cost-efficient infrastructure and service delivery

- 5.1 **Optimize WMO constituent body structure** for more effective decision-making
- 5.2 **Streamline WMO programmes**
- 5.3 **Advance equal, effective and inclusive participation** in governance, scientific cooperation and decision-making

Objectives of CB Reform

- Effectiveness and efficiency
- Seamless integrated approach (spatial, temporal):
 - Earth System approach
 - WMO acting as one
- Wider engagement of Members & national experts
- Agility to uptake new challenges and tasks
- Improved collaboration with partners

WMO website – communication and outreach material

EC-70 report

- **Resolution 18 (EC-70)**, Outcomes of the special dialogue on water
- **Resolution 35 (EC-70)**, WMO Executive Council structures
- **Resolution 36 (EC-70)**, WMO Constituent Bodies Reform Transition Plan and Communication Strategy
- **Recommendation 23 (EC-70)**, WMO Executive Council
- **Recommendation 25 (EC-70)**, WMO technical commissions and other bodies
- **Recommendation 26 (EC-70)**, Extraordinary session of the World Meteorological Congress in 2021

EC-70

- **Resolution 35 (EC-70)**, WMO Executive Council structures
 - Policy Advisory Committee
 - Technical Coordination Committee
- **Resolution 36 (EC-70)**, WMO Constituent Bodies Reform Transition Plan and Communication Strategy
 - Transition Plan
 - Communication Strategy
 - EC Constituent Bodies Reform Task Force (CBR TF)
G. Adrian (Chairperson), M.L. Bah, P. Evans, D. Grimes, T. Hashida, A. Martis, G. Navarro , C.L. Wong, L. Uccellini, M. Yakovenko

EC-70

- Recommendation 23 (EC-70), WMO Executive Council
 - Endorsement of the new EC structure
- Recommendation 25 (EC-70), WMO technical commissions and other bodies
 - Annex 1: Establishment of two Technical Commissions:
 - Commission for Observation, Infrastructure and Information Systems (COIIS)
 - Commission for Weather, Climate, Water and Related Environmental Services and Applications (CSA)
 - Annex 2: Establishment of a Research Board
 - Annex 3: Establishment of a Joint WMO-IOC Committee for Oceanography and Meteorology
 - Annex 4: Establishment of a Scientific Advisory Panel

EC-70

- **Recommendation 26 (EC-70)**, Extraordinary session of the World Meteorological Congress in 2021

...

“Further recommends **considering the feasibility of two Congress sessions in the four-year period**, which would offer benefits of more frequent gathering of Members (of a shorter duration) for an effective and inclusive governance and greater engagement of Members in advancing the technical progress and policy-making of the Organization. **The first session** in the four-year cycle would be dedicated to decisions on **strategy, policy, budget, structure and elections**; a **second (extraordinary session)** would focus on **normative and regulatory issues, progress on strategic objectives and capacity development, and other selected topics, as necessary.**”

EC-70

- **Resolution 18 (EC-70)**, Outcomes of the special dialogue on water ... 25 June 2018
- **Urges** the president of the Commission on Hydrology (CHy) to convene an extraordinary session of CHy as soon as possible (December 2018) in Geneva to lay out the path forward with regard to the major WMO developments in hydrology [Grand Challenges] and to propose the necessary organizational arrangements for the hydrological community to deliver on relevant strategic objectives defined in the WMO Strategic Plan;
- **Decides** to establish an Executive Council Task Force on Water led by Mr A. Snorrason with the terms of reference given in Annex 2 to the present resolution;
- **Endorses** the statement of the 2018 WMO HydroConference: Prosperity through Hydrological Services (Geneva, 7–9 May);

2018 WMO HydroConference

- 219 participants coming from 85 countries and 34 organizations...
- Recommended that the Commission for Hydrology take a leading role in organizing the follow-up efforts to advance the complete hydrological value chain, in particular those related to operational hydrology
- Stressed the importance of fora for intergovernmental cooperation in operational hydrology to support Member States in building and enhancing hydrological data, products and services, and recommended strengthening hydrological representation in WMO Constituent Bodies;
- Recognized the important role of the weather and climate communities in supporting the development of hydrological services and called for their increased cooperation with the hydrological community at the national, regional and global levels;
- ...

Annex 2 to Resolution 18 (EC-70) Executive Council Task Force on Water

TERMS OF REFERENCE

In order to strengthen the essential role of hydrology in WMO and its further integration into the Earth system approach, and to enhance WMO critical contribution in global water agenda, the Working Group shall develop, in coordination with EC WG SOP, recommendations to the Congress to be submitted through the President of WMO, regarding:

(1) The unique contribution that WMO can make to the delivery of hydrological services, considering the complete value chain, in line with the WMO Strategic Plan and Operational Plan and global water agenda, based on the outcomes of the WMO HydroConference, the EC-70 Special Dialogue on Water as well as the deliberations of the extraordinary session of CHy;...

EC Task Force on Water (Res 18 (EC-70)) Membership

- A. Snorrason (Iceland) (Chairperson)
- K. Takahashi (Peru)
- K. Ramesh (India)
- J. Zuniga (Costa Rica)
- J. Fenwick (New Zealand)
- A. Jenkins (UK)
- S. Otunga Koding (South Sudan)
- Presidents of CHy and CAS

Recommendation 25 (EC-70)

WMO technical commissions and other bodies

- **Having further considered:**

(3) The outcomes of the Global Conference: Prosperity through Hydrological Services, held in Geneva from 7 to 9 May 2018, and of the Executive Council Special Dialogue on Water, held on 25 June 2018, which encouraged WMO to take on a stronger role in the evolving global water agenda in order to realize opportunities and benefits for Members,

(4) That the extraordinary session of the Commission for Hydrology (December 2018) has been charged (Resolution 18 (EC-70) – Outcomes of the Special Dialogue on Water) with engaging the hydrological community in: (a) suggesting optimal solutions for effective participation of WMO in the global water agenda, and (b) providing recommendations to Congress on ways to integrate hydrological activities into the new WMO structure,

(5) That the specific conditions under which the national hydrological services currently operate and the new direction WMO will take with regard to strengthening its hydrological profile may require specific organizational structures and working mechanisms to enable WMO to effectively promote and integrate activities in operational hydrology, and contribute effectively to, and benefit from, the integrated Earth system approach embraced by WMO in the new Strategic Plan,

Alignment of WMO Structure

Strategic Plan

Long-Term
Goal 1: Services

Long-Term
Goal 2: Systems

Long-Term
Goal 3: Science

Long-Term
Goal 4: Capacity

Global lead/regional expertise

Commission for
Services

Commission for
Infrastructures

Research Board

Regional
Associations

Technical
Coordination
Committee

Policy, coordination, integration, foresight

Policy Advisory
Committee

Joint WMO-IOC Committee
for Oceanography and
Meteorology

Scientific
Advisory Panel

Long-Term Goal 5:
Governance

New Technical Commission structures

- Work driven by WMO strategy, progress followed by the Executive Council and the Congress
- President + (up to) three Vice-Presidents
- Standing Committees (also joint with partners)
- Conjoint sessions
- 2-year cycle of session of constituent bodies
- Expert groups/Study groups
- Regional Associations engaged in nomination process
- Common procedures – Procedural Handbook
- Better engagement of experts from academia and private sector



CBR-TF: Standing Committees

Infrastructure Commission

1. Earth observing systems and measurement networks
2. Methods of observations, measurements and instrumentation
3. Data, products and information exchange and life cycle management
4. Data processing for applied Earth system modelling and prediction

CBR-TF: Standing Committees

Service Commission

1. Aeronautical meteorological services
2. Marine and oceanographic meteorological services
3. Agrometeorological and climatological services
4. Hydrological services
5. Public services and disaster risk reduction (noting Members' sovereignty on warnings)



CHy-Ext

- CHy Pre-Session Discussion
 - Need broad participation – answering questions
 - Role and positioning for hydrology within new structure
 - Launched Monday 26 November 2018
- Technical Conference
 - Future Hydrological Priorities and Arrangements
 - 11 February to morning of 13 February 2019
- CHy Extraordinary Session
 - Afternoon of 13 February to 14 February 2019
 - 2 documents to be presented
 - Grand Challenges
 - Structural Options with one Recommendation

Questions

Grand challenges

- What are the major external changes and dynamics (technological, societal, etc.) that demand a response by the National Hydrological Services and the hydrological community of WMO?
- What are the top three areas where the capacities of National Hydrological Services need to be strengthened, in particular through international cooperation? What would be the difference in the case of a combined Hydrometeorological Service?

Questions (continued)

What can WMO do for you

- Which WMO programmes, project or initiatives having the potential to advance hydrology do you currently value the highest and what is missing?
- What do you think is needed to:
 - a) Ensure production and dissemination of flood warnings that reach all people in your country? What do you expect from WMO in this regard?
 - b) Drought-proof your country? What do you expect from WMO in this regard?
 - c) Be informed enough to manage water wisely for food, energy, health, and the biosphere? What do you expect from WMO in this regard?
- Is there anything more WMO can do to make the government agencies that fund your operational hydrology activities more knowledgeable about the efficiency and essential character of these services to the social and economic well-being of your country? How does your Service relate with the disaster/emergency, agriculture, health and other relevant national agencies, academia and private sector?



Questions (Continued)

How can WMO structure improve

- What are the key fora (for example: expert groups, Regional Association, Technical Commissions, Executive Council/Congress) through which your organization currently engages, or would like to engage, with WMO in the field of operational hydrology?
- Meteorology and hydrology in many countries are dealt with by different government organizations. What is your suggestion to make the WMO structure better adapted to the reality of such management of different sectors, to promote more effectively coordination of meteorology and hydrology in Member countries?



AWG-2 on “Options Document”

- Seamless approach in new framework with one *consensus* option to Congress
- Options
 - (1) Map current CHy functions onto new TC structure of EC-70
 - (2) Above plus addition of Hydrological Assembly
 - Ensure ability to address hydrology-related activities not fitting mandates of 2 TC structure
 - Maximize undertaking of hydrological activities within 2 TC structure
 - (3) CHy Session participants can propose additional options

Request

- Become engaged in CHy-Ext process
- Answer as many questions as you wish
- Some financial support available for TECO
 - LDCs and developing countries
 - hydrologists

EC-70

Specific to Hydrology

- **Resolution 16 (EC-70)**, Future of the Coastal Inundation Forecasting Demonstration Project
- **Resolution 16 (EC-70)**, Guidance on ongoing hydrology and water resources initiatives
- **Resolution 17 (EC-70)**, Implementation Plan of WMO Hydrological Observing System phase II
- **Summary**
 - Independent and joint reviews of CIFDP, FFGS and SWFDP;
 - Development and implementation of the HydroSOS and the report on the state of water resources;
 - Endorsement of the initial Implementation Plan for WHOS phase II.

Gracias
Merci
Obrigado
Thank you



WMO OMM

World Meteorological Organization
Organisation météorologique mondiale