

# Resolutions and Decisions of Congress and the Executive Council

2019 edition

WEATHER CLIMATE WATER



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METEOROLOGICAL  
ORGANIZATION

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\* To keep in force until 31 December 2019

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- 7 (Cg-18) Establishment of WMO technical commissions for the eighteenth financial period
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- 10 (Cg-18) Scientific Advisory Panel
- 11 (Cg-18) WMO reform - next phase
- 12 (Cg-18) WMO methodology for cataloguing hazardous weather, climate, water and space weather events
- 13 (Cg-18) WMO Global Multi-hazard Alert System
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- 15 (Cg-18) Strengthening multi-hazard early warning services in areas prone to all flooding types and severe weather
- 16 (Cg-18) Guide(s) on the support of National Meteorological and Hydrological Services to their national multi-hazard early warning procedures, coordination mechanisms, systems and services
- 17 (Cg-18) Ensuring integration of drought risk management in WMO activities
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\* To keep in force until 31 December 2019



- 19 (Cg-18) Enhancing cooperation for monitoring and forecasting sand and dust storms
- 20 (Cg-18) WMO contributions to the provision of climate information and services in support of policy and decision-making
- 21 (Cg-18) Implementation of the Global Framework for Climate Services
- 22 (Cg-18) Manual on High-quality Global Data Management Framework for Climate
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- 24 (Cg-18) Vision, strategy and organizational arrangements for hydrology and water resources in WMO
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- 45 (Cg-18) Ensuring adequate marine meteorological and oceanographic observations and data coverage for the safety of navigation and the protection of life and property in coastal and offshore areas

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- 48 (Cg-18) Key directions of the Polar and High-mountain Agenda for the next WMO financial period (2020–2023)
- 49 (Cg-18) Antarctic Observing Network
- 50 (Cg-18) Pre-operational phase of the Global Cryosphere Watch
- 51 (Cg-18) Implementation of the architecture for climate monitoring from space
- 52 (Cg-18) Strategy for the Virtual Laboratory for Education and Training in Satellite Meteorology 2020–2024
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- 54 (Cg-18) Implementation plan of the regional operational subproject for space-based monitoring of weather and climate extremes in East Asia and the Western Pacific
- 55 (Cg-18) Emerging data issues
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- 57 (Cg-18) WMO Information System: Amendments to the Technical Regulations and WIS 2.0 implementation approach
- 58 (Cg-18) Future Integrated Seamless Global Data-processing and Forecasting System collaborative framework
- 59 (Cg-18) Amendments to the *Manual on the Global Data-processing and Forecasting System* (WMO-No. 485)
- 60 (Cg-18) Future WMO research and support activities
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- 64 (Cg-18) Creating an environment for innovation and its optimal resourcing
- 65 (Cg-18) WMO and the ocean
- 66 (Cg-18) United Nations Ocean Conference 2020
- 67 (Cg-18) WMO scientific and technological support to the Intergovernmental Panel on Climate Change and climate policy
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- 73 (Cg-18) Strengthening the capacity of Members in service delivery
- 74 (Cg-18) Closing the capacity gap: Scaling up effective partnerships for investments in sustainable and cost-efficient infrastructure and service delivery
- 75 (Cg-18) Amendments to the General Regulations of the World Meteorological Organization
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- 77 (Cg-18) Revisions of the Financial Regulations of the World Meteorological Organization

- 78 (Cg-18) Amendments to the Staff Regulations
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  - 86 (Cg-18) Secretary-General’s contract
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9 (EC-LVI) Global Earth Observation System of Systems

18 (EC-LVI) Governance mechanism under results-based budgeting

**FIFTY-SEVENTH SESSION**

5 (EC-LVII) Participation of WMO in an International Flood Initiative

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16 (EC-LIX) Observations from ships and aircraft operations in the Antarctic

17 (EC-LIX) Further development of the Global Observing System in the Antarctic

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- 6 (EC-LX) Establishment of a National Agrometeorological Station Network
- 18 (EC-LX) Amendment to the Rules of Procedure of the Executive Council

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- 8 (EC-LXI) Procedures to be followed in proposing common WMO/ISO Technical Standards
- 14 (EC-LXI) Increasing the charges on payroll costs for the funding of the reserves for (a) recruitment and termination benefits and (b) after-service health insurance benefits

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- 18 (EC-64) WMO Capacity Development Strategy
- 20 (EC-64) WMO Programme Support Cost Policy
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- 9 (EC-66) Review of the Global Climate Observing System Programme
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\* To keep in force until 31 December 2019

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- 5 (EC-68) Competencies for provision of climate services
- 6 (EC-68) Global Hydrometry Support Facility
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- 12 (EC-68) Fast-track procedure for amendments to Manuals and Guides managed by the Commission for Basic Systems

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- 11 (EC-69) Data representations for hydrological information
- 12 (EC-69) Assisting compliance with Technical Regulations
- 15 (EC-69) International exchange of snow data
- 17 (EC-69) Seamless Data-processing and Forecasting System
- 18 (EC-69) Revised *Manual on the Global Data-processing and Forecasting System* (WMO-No. 485)
- 19 (EC-69) WMO quality policy statement
- 21 (EC-69) 2018–2019 biennium budget\*

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- 2 (EC-70) WMO integrated approach to high-level climate-science-related policy processes
- 3 (EC-70) Integrated health services
- 5 (EC-70) Recommendations of the Commission for Climatology at its seventeenth session
- 6 (EC-70) WMO recognition of long-term observing stations
- 7 (EC-70) Amendment to *Technical Regulations* (WMO-No. 49), Volume II – Meteorological Service for International Air Navigation
- 8 (EC-70) Scientific research and development in aeronautical meteorology
- 9 (EC-70) Global and regional landscape of aeronautical meteorological service provision
- 10 (EC-70) Report of the Joint WMO/IOC Technical Commission for Oceanography and Marine Meteorology at its fifth session
- 11 (EC-70) Marine and coastal services support for WMO Members
- 12 (EC-70) Future of the Coastal Inundation Forecasting Demonstration Project
- 13 (EC-70) Intergovernmental Oceanographic Commission/WMO/Permanent Commission for the South Pacific collaboration on the investigations of El Niño
- 14 (EC-70) Recommendations of the Commission for Agricultural Meteorology at its seventeenth session
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- 17 (EC-70) Implementation Plan of WMO Hydrological Observing System phase II
- 18 (EC-70) Outcomes of the special dialogue on water
- 23 (EC-70) WMO Information System 2.0

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\* To keep in force until 31 December 2019

- 24 (EC-70) Provision of high-resolution radiosonde data on the WMO Global Telecommunication System
- 25 (EC-70) Changes to ship masking schemes
- 28 (EC-70) WMO as an observer with the Arctic Council
- 29 (EC-70) Global Cryosphere Watch Surface Observing Network
- 30 (EC-70) The 2018 review of the World Climate Research Programme
- 31 (EC-70) Education and training
- 32 (EC-70) Review plan for the Basic Instructional Package for Meteorologists and the Basic Instructional Package for Meteorological Technicians
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- 34 (EC-70) WMO Code of Conduct for officers of the Organization and members of the Executive Council including its committees and for delegates at constituent body meetings
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  - 3 (EC-71) Membership of the Research Board
  - 4 (EC-71) Climate Coordination Panel
  - 5 (EC-71) Hydrological Coordination Panel
  - 6 (EC-71) Executive Council Panel of Experts on Polar and High-mountain Observations, Research and Services
  - 7 (EC-71) Capacity Development Panel
  - 8 (EC-71) *Guide to the WMO Integrated Global Observing System* (WMO-No. 1165)
  - 9 (EC-71) WMO Regional Training Centres (Confirmation)
  - 10 (EC-71) Amendments to the *Guide to Wave Analysis and Forecasting* (WMO-No. 702)
  - 11 (EC-71) Rules of Procedure for the Constituent Bodies
  - 12 (EC-71) Rules governing payment of travel expenses and subsistence allowances in respect of non-staff members of WMO
  - 13 (EC-71) Budget for the biennium 2020–2021
  - 14 (EC-71) Financial statements of the World Meteorological Organization for the year 2018
  - 15 (EC-71) Appointment of the External Auditor
  - 16 (EC-71) Considerations related to the After-service Health Insurance Liability
  - 17 (EC-71) Review of previous resolutions and decisions of the Executive Council
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- 5 (EC-68) Provision of multi-hazard impact-based forecast and risk-based warning services to the public
- 6 (EC-68) Implementation of the Common Alerting Protocol
- 7 (EC-68) Flood Forecasting Initiative
- 9 (EC-68) Severe Weather Forecasting Demonstration Project
- 10 (EC-68) Enhancing the capability of National Meteorological and Hydrological Services in tropical cyclone impact-based forecasting and warning services with multi-hazard approach
- 11 (EC-68) Strengthening the regionally coordinated tropical cyclone forecasting system to cover all Members affected by tropical cyclones
- 12 (EC-68) Met-ocean forecasting and warnings
- 13 (EC-68) Assistance to humanitarian agencies
- 14 (EC-68) High-impact Weather Project
- 15 (EC-68) Implementation of WMO cross-cutting urban focus
- 16 (EC-68) Country-focused results-based framework and mechanism for WMO contributions to the Global Framework for Climate Services
- 17 (EC-68) WMO support to the implementation of activities of the Intergovernmental Panel on Climate Change
- 18 (EC-68) Support for the World Climate Research Programme Coupled Model Intercomparison Project
- 19 (EC-68) The Integrated Global Greenhouse Gas Information System concept paper
- 20 (EC-68) Enhancement of the relationship between WMO and the United Nations Environment Programme on atmospheric composition matters
- 21 (EC-68) Addressing priorities and gaps identified in the Global Climate Observing System Status Report 2015
- 23 (EC-68) Development of a Climate Service Toolkit
- 24 (EC-68) National Climate Outlook Forums and National Climate Forums
- 27 (EC-68) Exchange of data and products for the implementation of the Climate Services Information System
- 28 (EC-68) Operational implementation of a Global Seasonal Climate Update
- 30 (EC-68) Regional WMO Integrated Global Observing System Centres
- 39 (EC-68) Climate Data Management Systems and data rescue resource plan
- 40 (EC-68) WMO mechanism for the recognition of long-term observing stations
- 42 (EC-68) Implementation of the WMO Strategy for Service Delivery
- 43 (EC-68) Action Plan – Meteorological services for aviation
- 45 (EC-68) Implementation of the competency framework for Public Weather Services
- 46 (EC-68) Collaboration between the Commission for Atmospheric Sciences and the Commission for Agricultural Meteorology
- 47 (EC-68) Development of METAGRI Services Project
- 52 (EC-68) Polar Regional Climate Centres



- 53 (EC-68) Year of Polar Prediction
- 55 (EC-68) Implementation of the seamless Data-Processing and Forecasting System
- 56 (EC-68) Operational implementation of forecast verification activities
- 57 (EC-68) Strategy to assist Members in improving their use of high-resolution numerical weather prediction and implementing limited-area Numerical Weather Prediction systems
- 60 (EC-68) Meteorological and hydrological aspects of siting and operation of nuclear power plants
- 61 (EC-68) World Weather Research Programme Implementation Plan for the period 2016–2023
- 62 (EC-68) Global Atmosphere Watch Implementation Plan for the period 2016–2023
- 64 (EC-68) Reconfirmation of the Institute of Biometeorology (Florence, Italy) as a WMO Regional Training Centre
- 66 (EC-68) Considerations for the thirteenth WMO Symposium on Education and Training (2017)
- 67 (EC-68) Impact evaluation of the WMO Fellowship Programme
- 68 (EC-68) Advisory Group for the Programme for WMO Small Island Developing States and Member Island Territories
- 70 (EC-68) WMO contribution to the 2030 Agenda for Sustainable Development
- 71 (EC-68) Review of cooperation agreements
- 72 (EC-68) Recognition of partner organizations
- 74 (EC-68) WMO positioning in Future Earth
- 75 (EC-68) WMO-Group on Earth Observations key collaboration areas
- 76 (EC-68) WMO Quality Management Framework – Organization-wide approach
- 83 (EC-68) Role and operation of National Meteorological and Hydrological Services
- 84 (EC-68) Governance review
- 86 (EC-68) WMO engagement in the organization of the International Conference on Multi-Hazard Early Warning Systems
- 93 (EC-68) Roadmap to an enhanced framework for WMO Technical Regulations

#### **SIXTY-NINTH SESSION**

- 3 (EC-69) WMO Global Multi-hazard Alert System
- 4 (EC-69) Impact-based decision support services
- 5 (EC-69) Flood forecasting
- 7 (EC-69) WMO support to implementation of the Paris Agreement
- 8 (EC-69) Recognition of WMO long-term observing stations
- 9 (EC-69) Strengthening WMO statement on the state of the global climate
- 10 (EC-69) Climate Services Information System products to support United Nations system planning and WMO Members on seasonal to inter-annual timescales
- 11 (EC-69) Implementation of the country-focused results-based framework and mechanism for WMO contributions to the Global Framework for Climate Services
- 13 (EC-69) WMO support to implementation of Intergovernmental Panel on Climate Change activities
- 14 (EC-69) Support the development of actions based on the Global Climate Observing System Implementation Plan
- 15 (EC-69) Strengthening regional- and global-scale Climate Services Information System operations
- 16 (EC-69) Deployment of the Climate Services Toolkit
- 17 (EC-69) National implementation of the Climate Services Information System

- 18 (EC-69) Sub-seasonal and seasonal forecasting systems
- 19 (EC-69) International Data-rescue Initiative
- 20 (EC-69) Clarification on the future of PROVIA and WMO participation in the United Nations Environment Programme–PROVIA Country-level Impacts of Climate Change project
- 23 (EC-69) Standardization of observing systems installed on ships
- 25 (EC-69) Study to be undertaken to analyse options for optimization of the Upper-air Observations Programme of the Global Observing System
- 27 (EC-69) Developing the WMO Integrated Global Observing System Standardization of Observations Reference Tool
- 28 (EC-69) Tropical Pacific Observing System 2020
- 30 (EC-69) Guidance on establishing regional WMO Integrated Global Observing System Centres in pilot phase
- 31 (EC-69) Indicators for monitoring progress in the WMO Integrated Global Observing System national implementation
- 32 (EC-69) Way forward for transitioning WIGOS from the current project structure into the WMO programmatic structure
- 33 (EC-69) Radio frequencies for meteorological and related environmental activities
- 34 (EC-69) Translation of the *International Cloud Atlas* (WMO-No. 407)
- 39 (EC-69) Development of a general service delivery guide based on existing Guides developed by WMO programmes and technical commissions
- 41 (EC-69) Guidelines for the development of an integrated operational platform to meet urban service delivery needs
- 42 (EC-69) Future of aeronautical meteorological services
- 43 (EC-69) Establishment of a soil moisture demonstration project
- 44 (EC-69) Enhancing national and regional drought-monitoring systems
- 46 (EC-69) Development and implementation of the Arctic Polar Regional Climate Centre Network and of Polar Regional Climate Outlook Forums
- 49 (EC-69) WMO priority actions in hydrology and water resources management
- 50 (EC-69) An integrated research and development approach
- 52 (EC-69) Early career research scientist involvement in WMO activities
- 53 (EC-69) Plans and guidance for weather modification activities
- 54 (EC-69) Identification of priorities for education and training
- 55 (EC-69) Enhancing bilateral and multilateral assistance from Members to support WMO education and training initiatives
- 56 (EC-69) WMO Regional Training Centres
- 57 (EC-69) Criteria on award of fellowships and training sponsorships
- 58 (EC-69) WMO volunteers
- 62 (EC-69) Celebrating the one hundred and fiftieth anniversary of the International Meteorological Organization in 2023
- 68 (EC-69) WMO constituent body reform
- 69 (EC-69) Plan for funding the after-service health insurance scheme liabilities
- 70 (EC-69) Amendments of regulations and rules

**SEVENTIETH SESSION**

- 3 (EC-70) Further implementation of the WMO Disaster Risk Reduction Roadmap
- 4 (EC-70) Development of the Global Multi-hazard Alert System
- 5 (EC-70) Support to the United Nations and humanitarian agencies
- 6 (EC-70) Implementation of Intergovernmental Panel on Climate Change activities
- 7 (EC-70) Integrated urban services
- 8 (EC-70) IG<sup>3</sup>IS Science Implementation Plan
- 9 (EC-70) Promoting the use and interpretation of climate change projections on regional and national scales
- 10 (EC-70) The Guide to General Service Delivery
- 12 (EC-70) Symposium to collect Members experiences with Impact-based Forecast and Warning Services
- 13 (EC-70) Review plan for the *Technical Regulations* (WMO-No. 49), Volume III
- 14 (EC-70) Establishment of Regional WMO Integrated Global Observing System Centres
- 16 (EC-70) Observing Systems Capability Analysis and Review Tool/Surface user interface
- 18 (EC-70) WMO Information System 2.0 implementation approach
- 19 (EC-70) Mechanisms for provision of shared services
- 21 (EC-70) Intergovernmental Oceanographic Commission Ocean Data and Information System
- 22 (EC-70) Ocean data standards and best practices
- 26 (EC-70) Impact assessment for observing system design and evolution
- 27 (EC-70) Sustaining the VLab technical support officer
- 28 (EC-70) Education and outreach strategy regarding data buoy vandalism
- 29 (EC-70) Management of the Joint WMO/IOC Technical Commission for Oceanography and Marine Meteorology In Situ Observations Programme Support Centre
- 30 (EC-70) Long-term ship observing stations
- 31 (EC-70) Reduction of the number of voluntary observing ship classifications
- 32 (EC-70) Voluntary observing ship metadata
- 34 (EC-70) Designation of new regional instrument centres
- 37 (EC-70) Inter-programme Expert Team on Aircraft-based Observing Systems
- 38 (EC-70) Development of a WMO position on critical satellite data
- 39 (EC-70) Outcomes of the fourteenth session of the WMO Consultative Meeting on High-level Policy on Satellite Matters
- 40 (EC-70) Further development of a seamless Global Data-processing and Forecasting System Implementation Plan
- 42 (EC-70) WMO High-mountain Summit 2019
- 43 (EC-70) Proposal for the declaration of 2020 as the United Nations International Year of Snow and Ice
- 44 (EC-70) Memorandum of understanding between WMO and the Scientific Committee on Antarctic Research and the International Arctic Science Committee
- 45 (EC-70) Polar Space Task Group
- 47 (EC-70) Polar Regional Climate Centres and Regional Climate Outlook Forums
- 48 (EC-70) WMO Global Campus initiative

- 49 (EC-70) Governance of education and training
- 53 (EC-70) WMO engagement in global and regional private initiatives
- 54 (EC-70) Decade of Ocean Science for Sustainable Development
- 55 (EC-70) Implementation of WMO Gender Equality Policy and Action Plan
- 56 (EC-70) Themes of World Meteorological Day for 2019 and 2020
- 60 (EC-70) Plan for funding liability for after-service health insurance

**SEVENTY-FIRST SESSION**

- 1 (EC-71) Membership of subsidiary bodies of the Executive Council
  - 2 (EC-71) Good practices for implementation of integrated urban services
  - 3 (EC-71) World Climate Research Programme Strategy and Implementation Plan
  - 4 (EC-71) Revised salaries of the Deputy Secretary-General and the Assistant Secretary-General
  - 5 (EC-71) Revised pensionable remuneration of the Deputy Secretary-General and the Assistant Secretary-General
  - 6 (EC-71) Sixty-fourth International Meteorological Organization Prize and other awards
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