

Geneva  
6–8 June  
2011

# Executive Council

Sixty-third session



**World  
Meteorological  
Organization**

WMO-No. 1078

**Weather • Climate • Water**



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Abridged final report with resolutions

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# CONTENTS

Page

## GENERAL SUMMARY OF THE WORK OF THE SESSION

<b>1.</b>	<b>ORGANIZATION OF THE SESSION</b> (EC-LXIII/Doc. 1.2; EC-LXIII/Doc. 1.2, REV. 1; EC-LXIII/PINK 1).....	<b>1</b>
1.1	Opening of the session .....	1
1.2	Approval of the agenda (EC-LXIII/Doc. 1.2; EC-LXIII/Doc. 1.2, REV. 1; EC-LXIII/PINK 1).....	1
1.3	Establishment of committees .....	1
1.4	Programme of work of the session .....	2
1.5	Approval of the minutes .....	2
<b>2.</b>	<b>CONSIDERATION OF DECISIONS OF SIXTEENTH CONGRESS REQUIRING URGENT ACTION BY THE EXECUTIVE COUNCIL</b> (EC-LXIII/Doc. 3(10); EC-LXIII/PINK 3(10); EC-LXIII/Doc. 3(4); EC-LXIII/PINK 3(4); EC-LXIII/Doc. 3(6); EC-LXIII/PINK 3(6); EC-LXIII/Doc. 3(5); EC-LXIII/APP_Doc. 3(5); EC-LXIII/WP 2(2); EC-LXIII/Doc. 2(2); EC-LXIII/WP 2(1); EC-LXIII/Doc. 2(1); EC-LXIII/Doc. 3(3); EC-LXIII/Doc. 3(9); EC-LXIII/APP_Doc. 3(9); EC-LXIII/Doc. 3(8); EC-LXIII/PINK 3(8); EC-LXIII/Doc. 3(7); EC-LXIII/PINK 3(7)).....	<b>2</b>
<b>3.</b>	<b>REVIEW OF PANELS AND OTHER BODIES OF THE EXECUTIVE COUNCIL</b> (EC-LXIII/Doc. 3(2); EC-LXIII/PINK 3(2); EC-LXIII/PINK 3(1)) .....	<b>7</b>
<b>4.</b>	<b>BUDGET FOR 2012–2013</b> (EC-LXIII/Doc. 4, REV. 1, EC-LXIII/WP 4) .....	<b>9</b>
<b>5.</b>	<b>GENERAL AND ADMINISTRATIVE MATTERS</b> .....	<b>10</b>
5.1	Fifty-Sixth International Meteorological Organization Prize (EC-LXIII/Doc. 5.1; EC-LXIII/Doc. 5.1(C); EC-LXIII/APP_Doc. 5.1) .....	10
5.2	Other awards (EC-LXIII/Doc. 5.2; EC-LXIII/APP_Doc. 5.2).....	10
5.3	Arrangements for the scientific lecture for EC-LXIV (EC-LXIII/Doc. 5.3; EC-LXIII/PINK 5.3) .....	11
5.4	World Meteorological Day theme (EC-LXIII/Doc. 5.4; EC-LXIII/APP_Doc. 5.4) .....	11
5.5	Staff matters (EC-LXIII/Doc. 5.5(C); EC-LXIII/PINK 5.5; EC-LXIII/Doc. 5.5(2); EC-LXIII/PINK 5.5(2)) ..	11
5.6	Financial matters (EC-LXIII/Doc. 5.6(1); EC-LXIII/APP_Doc. 5.6(1); EC-LXIII/Doc. 5.6(2); EC-LXIII/PINK 5.6(2); EC-LXIII/Doc. 5.6(3); EC-LXIII/PINK 5.6(3)).....	12
5.7	Implementation of risk management (EC-LXIII/Doc. 5.8; EC-LXIII/PINK 5.7).....	13
<b>6.</b>	<b>INTERNAL MATTERS OF THE EXECUTIVE COUNCIL</b> (EC-LXIII/Doc. 6; EC-LXIII/PINK 6; EC-LXIII/Doc. 6, ADD. 1).....	<b>14</b>
<b>7.</b>	<b>REVIEW OF PREVIOUS RESOLUTIONS OF THE EXECUTIVE COUNCIL</b> (EC-LXIII/Doc. 7; EC-LXIII/PINK 7).....	<b>15</b>
<b>8.</b>	<b>DATE AND PLACE OF THE SIXTY- FOURTH AND SIXTY-FIFTH SESSIONS OF THE EXECUTIVE COUNCIL</b> (EC-LXIII/PINK 8).....	<b>15</b>
<b>9.</b>	<b>CLOSURE OF THE SESSION</b> (EC-LXIII/PINK 9) .....	<b>15</b>

## RESOLUTIONS ADOPTED BY THE SESSION

<i>Final No.</i>	<i>Session No.</i>		
1	3/10	Establishment of an Executive Council Task Team on the Global Framework for Climate Services.....	16
2	3/4	Coordination of climate activities.....	18
3	3/6	Establishment of a Joint CCI/CAGM/CHy Expert Group on Climate, Food and Water .....	19
4	2/2	Inter-Commission Coordination Group on the WMO Integrated Global Observing System .....	21
5	3/3	Executive Council Panel of Experts on Polar Observations, Research and Services .....	23
6	3/9	Executive Council Working Group on Service Delivery .....	27
7	3/7	Executive Council Working Group on WMO Strategic and Operational Planning .....	29
8	3/1	Terms of reference and membership of the Audit Committee .....	31
9	4	Budget for the biennium 2012–2013 .....	36
10	5.6/1	Consideration of the financial statements of the World Meteorological Organization for the year 2010.....	40
11	5.6/2	Appointment of the External Auditor .....	41
12	5.7/1	Implementation of risk management.....	41
13	6/1	Amendments to the Rules of Procedure of the Executive Council.....	44
14	7/1	Review of previous resolutions of the Executive Council.....	44

	<i>Page</i>
ANNEXES	
I	Proposed VCP allocations for 2011 (paragraph 2.15 of the general summary)..... 47
II	Membership of the subsidiary bodies of the Executive Council (paragraph 3.12 of the general summary) ..... 48
III	Staff appointments, promotions, nominations and transfers since the sixty-second session of the Executive Council (paragraph 5.5.1 of the general summary) ..... 53
IV	Recommendations of the thirtieth meeting of the Financial Advisory Committee to the sixty-third session of the Executive Council (paragraph 5.6.18 of the general summary) ..... 55
APPENDIX. List of participants ..... 57	





# GENERAL SUMMARY OF THE WORK OF THE SESSION

The Executive Council of the World Meteorological Organization (WMO) held its sixty-third session from 6 to 8 June 2011 at the WMO Headquarters, under the chairmanship of Mr D. Grimes, President of the World Meteorological Organization (WMO), after the closure of the Sixteenth Congress.

## 1. ORGANIZATION OF THE SESSION (*agenda item 1*)

### 1.1 Opening of the session (*agenda item 1.1*)

1.1.1 The President of the Organization opened the session at 9.30 a.m. on 6 June 2011.

1.1.2 In his opening remarks, the President stressed that the sixty-third session of the Executive Council was important as it was the first one after the Sixteenth Congress. He congratulated members on their election to the Executive Council and especially welcomed the new members of the Council. A complete list of participants is given in the [appendix to the present report](#).

1.1.3 The President reminded EC members, who are representing the Organization, of the role of the Executive Council, their important responsibilities and the many critical topics they have to move forward over the next four years, especially the priorities of the Strategic Plan: WIS and WIGOS, Aviation Quality Management, Capacity Development, Disaster Risk Reduction, as well as the Global Framework for Climate Services (GFCS). He drew attention to the guidance which the Executive Council has to provide in the implementation of the decisions of Congress.

1.1.4 He also recalled that during this short session of Council, immediately following the Sixteenth Congress, a number of important actions related to the mandatory annual work of the Executive Council, such as consideration and establishment of the Council's subsidiary bodies and matters relating to various prizes and awards were to be taken. The Council was also required to agree on the programme and budget for the first biennium (2012–2013) of the sixteenth financial period.

### 1.2 Approval of the agenda (*agenda item 1.2*)

The Executive Council adopted the agenda as amended.

### 1.3 Establishment of committees (*agenda item 1.3*)

1.3.1 The Executive Council decided not to set up any working committees. All items were therefore considered in the Plenary. The following Sub-Committees and Selection Committees were established to consider specific items during this session:

#### **Sub-Committees**

Programme and Budget 2012–2013, Chair  
World Meteorological Day 2013, Chair

Prof. G. Adrian  
Prof. M. Ostojski

#### **Selection Committees**

##### ***IMO Prize***

Chair  
Members

Dr A.D. Moura  
Mr D. Grimes, Dr M.L. Bah and Prof. R. García Herrera

### **Research Award for Young Scientists**

Chair Prof. R. García Herrera  
Members Dr A. Anuforom, Mr J.C. Fallas Sojo and Mr S-J Cho

### **Gerbier-MUMM Award**

Chair Dr F. Jacq  
Members Dr J.R. Mukabana, Dr K.S. Yap and Dr B-L Lee, president of CAgM

### **WMO Staff Pension Committee**

Members Dr L. Makuleni, Mr T. Sutherland and Prof. M. Ostojski

**1.3.2** The Council appointed Dr K.S. Yap as Rapporteur to review previous resolutions of the Executive Council.

### **1.4 Programme of work of the session (agenda item 1.4)**

The necessary arrangements concerning the working hours and the allocation of agenda items to the Plenary were made. The Council suspended Regulation 109 of the General Regulations for the duration of the session.

### **1.5 Approval of the Minutes (agenda item 1.5)**

The Executive Council noted the decision made by the Executive Council at its fiftieth session and confirmed by the Thirteenth Congress that no minutes of plenary meetings at sessions of the Executive Council, regional associations and technical commissions should be prepared unless otherwise decided for special items. Tape recordings of plenaries would continue to be made and would be retained for record purposes.

## **2. CONSIDERATION OF DECISIONS OF SIXTEENTH CONGRESS REQUIRING URGENT ACTION BY THE EXECUTIVE COUNCIL (agenda item 2)**

### **Global Framework for Climate Services**

**2.1** The Council recalled the decision of the Sixteenth Congress to entrust the WMO Executive Council with development of a draft Implementation Plan for the Global Framework for Climate Services (GFCS) and to draft terms of reference and rules of procedure for the Intergovernmental Board and its substructures based on the implementation plan.

**2.2** The Council therefore decided to establish a new EC Task Team on GFCS (ECTT-GFCS), and adopted [Resolution 1 – Establishment of an Executive Council Task Team on the Global Framework for Climate Services](#), including its terms of reference as given in the [annex to the resolution](#).

**2.3** The Council agreed on the core membership of the ECTT-GFCS (as given in Annex II to the present report), with a provision that these members could be supported or represented by advisers and that the task team could invite other experts as required:

**2.4** The Council agreed that the Task Team would ensure the close involvement of relevant EC bodies, particularly the WG-SOP and the WG-CWE and presidents of technical commissions, the Chair of the Joint Scientific Committee of the WCRP, and the Chair of the GCOS Steering Committee in the conduct of its work.

**2.5** The Council recalled the decisions of the Sixteenth Congress on the important climate-related matters, which included the Global Framework for Climate Services and a restructured World Climate Programme. The Council agreed that, in addition to guiding these activities central to the climate responsibilities of WMO, it is critical to coordinate climate related activities among the various WMO programmes to adequately consider and cover the climate and related weather, water and environmental matters.

**2.6** The Council appreciated the important contributions of the Executive Council Working Group on Climate and related Weather, Water and Environmental Matters (WG-CWE) during the fifteenth financial period, and agreed that it is essential to re-establish the WG-CWE during the sixteenth financial period, considering the enhanced focus on WMO climate activities and addressing the emerging needs of GFCS implementation.

**2.7** The Council adopted [Resolution 2 \(EC-LXIII\) – Coordination of climate activities](#).

**2.8** The Council decided on the membership of the WG-CWE as given in Annex II to the present report.

**2.9** The Council agreed that the longstanding experience and expertise in climate, water and agricultural meteorology of WMO and its Members needed to be optimally utilized in addressing climate, agriculture/food and water issues, through their activities within the WMO Technical Commissions for Climatology (CCI), Hydrology (CHy), and Agricultural Meteorology (CAgM), particularly in the context of the Global Framework for Climate Services.

**2.10** The Council recalled that the Sixteenth World Meteorological Congress (Cg-XVI) recognized the increasing food and water crisis accentuated by climate variability and change and the unique strengths of WMO in dealing with agriculture and water sectors. The Council further recalled that Cg-XVI asked the Council to set up a Joint CCI/CAgM/CHy Expert Group on Climate, Food and Water, which should work in close collaboration with other relevant stakeholders and contribute to the User Interface Platform of the GFCS for the food and water sectors.

**2.11** The Council therefore decided to set up a Joint CCI/CAgM/CHy Expert Group on Climate, Food and Water (JCEG-CFW) with the following members, who will select a Chair by consensus to coordinate the Group's work:

1. Two experts nominated by the CCI president
2. Two experts nominated by the CHy president
3. Two experts nominated by the CAgM president

Considering the fact that the Executive Council Working Group on Climate and related Weather, Water and Environmental Matters (WG-CWE) and the JCEG-CFW have important cross-cutting aspects to their work, the Council further decided that a member of the WG-CWE would be entrusted with the responsibility of acting as its Focal Point to interact with JCEG-CFW.

**2.12** The Council urged the JCEG-CFW to actively interact with the relevant stakeholders from the water and food sectors (e.g., UNESCO, FAO, WFP, etc.) to collaborate in its work. The Council agreed on the terms of reference of the JCEG-CFW and adopted [Resolution 3 \(EC-LXIII\) – Establishment of a Joint CCI/CAgM/CHy Expert Group on Climate, Food and Water](#), with the terms of reference as provided in the [annex to the resolution](#).

## **WMO Strategy for Capacity Development**

**2.13** Noting the request of Congress regarding the preparation of a WMO Strategy for Capacity Development (Resolution 49 (Cg-XVI)) and considering the importance of providing guidance and oversight during the development and subsequent implementation of the Capacity Development Strategy, and building on the work of the Executive Council Working Group on Capacity Building (EC-WG/CB) established under Resolution 10 (EC-LX), the Executive Council

agreed to continue with the Group, renamed it as the Executive Council Working Group on Capacity Development (WG-CD) and requested the WG-CD, as a matter of priority to:

- (a) Prepare a draft cross-cutting Capacity Development Strategy, including a plan to implement the Strategy, which would take into account the needs and guidance of Members and would provide further focus for the efforts of WMO in the coordination and cooperation of technical assistance among Members, regional associations, technical commissions, WMO Programmes and the WMO Secretariat;
- (b) Establish a mechanism that included the active participation of the Members, leading to approval of the above-mentioned draft Capacity Development Strategy by the Executive Council at its sixty-fourth session.

**2.14** The Council further requested that the WG-CD consider, in the preparation of the Capacity Development Strategy, areas identified by the Sixteenth Congress, the Rules of the Voluntary Cooperation Programme, governance mechanisms to oversee and further harmonize capacity-building activities, as well as any appropriate modifications as may be needed to the WG-CD terms of reference as contained in Resolution 10 (EC-LX) – Executive Council Working Group on Capacity-Building.

**2.15** In connection with Capacity Development, the Council approved the allocations to the VCP(F) for 2011 as contained in [Annex I to the present report](#).

#### **Inter-Commission Coordination Group on WIGOS (ICG-WIGOS)**

**2.16** The Council recalled the decision of the Sixteenth Congress to establish the Inter-Commission Coordination Group on WIGOS (ICG-WIGOS) with representatives of regional associations and international partner organizations during the implementation process.

**2.17** The Council also recalled that Congress further requested the Council to give immediate high priority to determining appropriate terms of reference for the new ICG-WIGOS and to express the Council's requirements and desired schedule for the development, review and approval of the WIGOS Implementation Plan (WIP).

**2.18** The Council agreed on the terms of reference of ICG-WIGOS and adopted [Resolution 4 \(EC-LXIII\) – Inter-Commission Coordination Group on the WMO Integrated Global Observing System](#).

#### **WMO Polar Activities**

**2.19** The Council noted that the Sixteenth Congress had adopted six resolutions relevant to the WMO Polar Activities, and that three of them need urgent action by the Executive Council.

**2.20** The Council noted Resolution 57 (Cg-XVI) – Global Integrated Polar Prediction System and that Cg-XVI had decided to embark on a decadal endeavour towards a Global Integrated Polar Prediction System (GIPPS), and had requested the Executive Council:

- (a) To develop a scalable, detailed strategic plan, laying out a path that WMO will take to identify and address gaps in our scientific understanding of polar processes, improve data and service delivery, and promote or establish national research programmes;
- (b) To implement this decision and establish the initial governance mechanism by providing broad oversight, guidance and monitoring of progress;

- (c) To ensure there is broad consultation and participation from other international organizations and agencies that wish to contribute to the development of GIPPS; and
- (d) Submit a comprehensive report on the development of GIPPS to the Seventeenth Congress.

**2.21** The Council noted Resolution 59 (Cg-XVI) – International Polar Decade initiative and that Cg-XVI had approved participation by WMO in the International Polar Decade, should this initiative be endorsed by relevant international organizations as key stakeholders to build on the solid foundation that IPY has established, and had requested the Executive Council:

- (a) To secure the WMO representation in a steering group that would be established to lead the IPD consultative process and prepare a draft IPD Concept Document for submission to the Montreal 2012 IPY Conference “From Knowledge to Action” (22–27 April 2012);
- (b) To consult with the relevant international organizations to define the framework, objectives, resource requirements, timing, and organizational structure of an IPD;
- (c) To coordinate the role and participation of WMO in the relevant initiatives that would be conducted under the auspices of an IPD;
- (d) To review and approve the IPD Concept Document at its sixty-fourth session with a view of determining modalities and the level of WMO participation in the initiative.

**2.22** The Council noted Resolution 60 (Cg-XVI) – Global Cryosphere Watch and that Cg-XVI had decided to embark on the development of the Global Cryosphere Watch (GCW) with a view of an operational GCW, and had requested the Executive Council:

- (a) To establish a mechanism to steer and monitor the activity and to achieve the broadest possible collaboration and cooperation;
- (b) To ensure the active participation and representation of the principal bodies concerned and also the participation, as appropriate, of technical experts and representatives of agencies undertaking observing and research initiatives relevant to the cryosphere;
- (c) To submit a comprehensive report, including an update on implementation plans, on the development of GCW to the Seventeenth Congress.

**2.23** The Executive Council recalled the achievements of its Panel of Experts on Polar Observations, Research and Services (EC-PORS) in ensuring coordination of the operational activities in the Antarctic and in engaging technical commissions, regional associations and international organizations and entities in enhancing observations, research and services in Polar Regions, in particular within the framework of IPY legacy initiatives. It noted the successful “modus operandi” by the EC-PORS engaging experts from WMO Members as well as from relevant international organizations in addressing tasks relevant to polar observations, research and services in a truly cross-cutting manner covering weather, water, cryosphere and climate. The Council agreed that these new initiatives fall naturally under the purview of EC-PORS, which should be re-established with the new terms of reference and should present to EC-LXIV an updated plan of its activities for the period up to CG-XVII. In this respect, the Council adopted [Resolution 5 – Executive Council Panel of Experts on Polar Observations, Research and Services](#).

**2.24** Recognizing that GIPPS, IPD and GCW are new initiatives, the Council requested the Secretary-General to put in place an appropriate mechanism in the Secretariat to ensure optimal management of, and support to, the initiative, including necessary financial resources.

**2.25** The Council decided on the membership of the EC-PORS as given in Annex II to the present report.

### **Service Delivery**

**2.26** The Council recalled the decision of the Sixteenth Congress to establish the Working Group on Service Delivery, reporting to the Executive Council.

**2.27** The Council also recalled the decision of the Sixteenth Congress requesting the Executive Council to consider the establishment of a Working Group on Service Delivery with disaster risk reduction as a priority (Resolution 52 (Cg-XVI) – Disaster Risk Reduction Programme).

**2.28** The Council agreed on the terms of reference of the Working Group on Service Delivery and adopted [Resolution 6 \(EC-LXIII\) – Executive Council Working Group on Service Delivery](#). The Council decided on the membership of the working group as given in Annex II to the present report.

### **Suitable Mechanism on Quality Management**

**2.29** The Council recalled the decision of the Sixteenth Congress to establish an efficient and cost-effective mechanism to deal with the issue of Quality Management Systems (QMS) reporting to the Executive Council.

**2.30** The Council considered the high degree of urgency associated with supporting the implementation of QMS by Members in their services for international civil aviation, driven by the ICAO deadline of 15 November 2012. Noting these circumstances, the Council requested the president of the Commission for Aeronautical Meteorology, Mr C.M. Shun, to establish a Task Team on QMS implementation. This Task Team should be supported using funds allocated to QMS in the Secretary-General's budget for the sixteenth financial period.

**2.31** The Council decided to designate the Second Vice-President of WMO, Prof. M. Ostojski, as its focal point on QMS and ex officio member of the CAeM Task Team with a view to establishing how best this work can be expanded to other activity areas and bodies, where requirements for QMS are currently emerging, and, if necessary, to propose a suitable mechanism for addressing these for consideration by EC-LXIV.

### **WMO Strategic and Operational Planning**

**2.32** The Executive Council emphasized the importance of the strategic planning process for the appropriate and coordinated implementation of the WMO Programmes in a financial period. The Council recalled the decision of Congress, through Resolution 38 (Cg-XVI) – Preparation of the Strategic Plan for 2016–2019, requesting the Council to organize a planning process for the period 2016–2019 that takes into account lessons learnt from the previous planning phases.

**2.33** The Council recalled the strong support expressed by the Sixteenth Congress regarding the need for continuous improvement of WMO practices and processes (agenda item 7.4). The Council therefore requested the EC Working Group on WMO Strategic and Operational Planning (WG-SOP) to implement the following initiatives, among others:

- (a) Development of simplified documentation for constituent body sessions to improve decision-making for trial at EC-LXIV;
- (b) Establishment of a mechanism that facilitates joint implementation of projects and activities of mutual interest to ensure the feeding of the priorities from the regional associations into the work programmes of the technical commissions.

**2.34** The Council further agreed that the continuous improvement of the processes and practices of WMO constituent bodies and its Secretariat should be viewed as a long-term activity. The Council requested the WG-SOP to develop specific proposals for review at Cg-XVII, which may include changes to the General Regulations or the WMO Convention as necessary, focusing on a number of areas where further work is required, including, but not limited to:

- (a) The review of WMO constituent bodies, their strategic alignment and their processes and practices for continuous improvement to better deliver the priorities of the Strategic Plan, and in particular that of Capacity Development;
- (b) The identification of regional priorities and action lists by regional associations and their alignment with and to technical commission activities. These priorities should be the driving force of the activities of the technical commissions;
- (c) The catalytic role of WMO in resource mobilization for development efforts through potential partners such as the World Bank, African Development Bank and other regional development banks, European Commission, Climate Adaptation Fund and other international and national funding agencies;
- (d) Efforts to increase the recognition of WMO as a visible flagship of weather, water and climate expertise with its Members;
- (e) The practicalities of reducing the intergovernmental part of constituent body sessions and redirecting the savings to increased technical activities;
- (f) The possibility of reducing the number of meetings held, through focusing the work of those meetings on the preparation of action plans and follow-up of earlier agreed actions;
- (g) Optimize further the scheduling of technical commission and regional association meetings.

**2.35** The Council discussed the request of the Sixteenth Congress to further consider the possibility of moving to a maximum of two terms for the Secretary-General with effect from the seventeenth financial period and to submit a proposal to the Seventeenth Congress for any required amendment to the General Regulations as appropriate. In this respect, the Council requested the WG-SOP to consider the issue and to make recommendations as appropriate to the Executive Council.

**2.36** In light of the above, the Council adopted [Resolution 7 \(EC-LXIII\) – Executive Council Working Group on WMO Strategic and Operational Planning](#) and decided on the membership of the working group as given in Annex II to the present report.

### **3. REVIEW OF PANELS AND OTHER BODIES OF THE EXECUTIVE COUNCIL** (agenda item 3)

**3.1** The Council recalled the decision of the Sixteenth Congress to maintain the Audit Committee, reporting to the Executive Council.

**3.2** The Council also recalled its decision at its sixtieth session requesting the Audit Committee to review its terms of reference.

**3.3** The Council expressed the opinion that the work of the Audit Committee benefits from technical and operational knowledge of both the World Meteorological Organization and National Meteorological and Hydrological Services (NMHSs).

**3.4** The Council agreed that members of the Executive Council may be suited to serve in this role and encouraged qualified EC members to consider seeking appointment to the Audit Committee.

**3.5** The Council agreed on the terms of reference and membership of the Audit Committee and adopted [Resolution 8 \(EC-LXIII\) – Terms of reference and membership of the Audit Committee](#).

**3.6** The Council decided to establish its working structure, comprising of panels of experts, working groups, task teams and committees, as follows:

**3.7** It was agreed to establish the following new Executive Council subsidiary bodies:

- (a) EC Task Team on the Global Framework for Climate Services (Resolution 1 (EC-LXIII) – Establishment of an Executive Council Task Team on the Global Framework for Climate Services);
- (b) EC Working Group on Service Delivery (Resolution 6 (EC-LXIII) – Executive Council Working Group on Service Delivery).

**3.8** It was agreed to re-establish with amended terms of references the following Executive Council subsidiary bodies:

- (a) EC Panel of Experts on Polar Observations, Research and Services (Resolution 5 (EC-LXIII) – Executive Council Panel of Experts on Polar Observations, Research and Services);
- (b) EC Working Group on WMO Strategic and Operational Planning (Resolution 7 (EC-LXIII) – Executive Council Working Group on WMO Strategic and Operational Planning);
- (c) Audit Committee (Resolution 8 (EC-LXIII) – Terms of reference and membership of the Audit Committee).

**3.9** It was agreed to maintain the following Executive Council subsidiary bodies:

- (a) EC Panel of Experts on Education and Training;
- (b) EC Advisory Panel of Experts on Gender Mainstreaming;
- (c) EC Working Group on Capacity Development;
- (d) EC Working Group on Climate and Related Weather, Water and Environmental Matters (Resolution 2 (EC-LXIII) – Coordination of climate activities);
- (e) WMO Staff Pension Committee.

**3.10** It was agreed to maintain the following selection committees for WMO awards and prizes:

- (a) Selection Committee for the IMO Prize;
- (b) Selection Committee for the WMO Research Award for Young Scientists;
- (c) Selection Committee for the Professor Dr Vilho Väisälä Award;



(d) Selection Committee for the Norbert Gerbier-MUMM International Award.

**3.11** The Council also established the following focal points:

(a) Focal Point on Quality Management;

(b) Focal Point on WIGOS;

(c) Focal Point on Research.

(d) Focal Point on Climate, Food and Water (Resolution 3 (EC-LXIII) – Establishment of a Joint CCI/CAGM/CHy Expert Group on Climate, Food and Water);

**3.12** The membership of Executive Council bodies as defined by the sixty-third session is given in [Annex II to the present report](#).

**3.13** It was agreed to maintain the following other bodies reporting to the Executive Council:

(a) Joint WMO/IOC/ICSU Scientific Committee for the World Climate Research Programme;

(b) Steering Committee for the Global Climate Observing System;

(c) Meetings of Presidents of Technical Commissions;

(d) Meetings of Presidents of Regional Associations;

(e) WMO Consultative Meetings on High-level Policy on Satellite Matters;

**3.14** It also agreed to establish the Inter-Commission Coordination Group on WIGOS (Resolution 4 (EC-LXIII) – Inter-Commission Coordination Group on the WMO Integrated Global Observing System).

**3.15** The Council emphasized that in view of budgetary constraints, the Organization would provide financial support for participation in meetings of its subsidiary bodies normally to experts from developing countries only, and that, as a general rule, alternates of Council members, elected in their personal capacity, would not be funded. Further in that connection, the Council encouraged its subsidiary bodies to use in their work, as much as possible, electronic means of communication and teleconferences with a view to reducing the number and duration of meetings, and to optimizing their outputs.

#### **4. BUDGET FOR 2012–2013** (*agenda item 4*)

**4.1** The Executive Council noted Resolution 37 (Cg-XVI) – Maximum expenditure for the sixteenth financial period (2012–2015) and the decisions of the Sixteenth Congress contained in the general summary paragraphs 8.3.1 to 8.3.7 regarding the implementation of the budget.

**4.2** The Council noted the following sessions in 2012 and 2013 of technical commissions and regional associations:

2012

Regional Association II (fifteenth session)

Commission for Basic Systems (fifteenth session)

Commission for Hydrology (fourteenth session)

Joint WMO/IOC Commission for Oceanography and Marine Meteorology (fourth session)

2013

Regional Association IV (sixteenth session)

Regional Association VI (sixteenth session)

Commission for Atmospheric Sciences (sixteenth session)

**4.3** The Council noted the regular budget contributions of WMO to jointly funded activities, including CHF 1 098 400 for the Global Climate Observing System (GCOS), CHF 859 800 for the Intergovernmental Panel on Climate Change (IPCC) and CHF 3 726 400 for the World Climate Research Programme (WCRP).

**4.4** The Council recognized that the extraordinary session of Congress in 2012 as approved by the sixteenth session of Congress is a priority activity to initiate GFCS and requested the Secretary-General to secure the financial resources for its organization and preparation from within the approved budget for GFCS (including through efficiency measures) and voluntary contributions. The Council noted that a technical conference immediately before the extraordinary session of Congress might be beneficial as its preparation.

**4.5** The Council further noted the need for a resource mobilization strategy in support of GFCS as well as for management flexibility to accommodate new initiatives approved by the sixteenth session of Congress, supported by the enhanced monitoring information of budget implementation that will be made available to members and management through the implementation of IPSAS.

**4.6** The Executive Council adopted [Resolution 9 \(EC-LXIII\) – Budget for the biennium 2012–2013](#). The Executive Council thereby approved the regular budget appropriation of CHF 138 000 000 and took note of the budget funded from voluntary contributions estimated at CHF 89 100 000.

## **5. GENERAL AND ADMINISTRATIVE MATTERS** (*agenda item 5*)

### **5.1 FIFTY-SIXTH INTERNATIONAL METEOROLOGICAL ORGANIZATION PRIZE** (*agenda item 5.1*)

**5.1.1** The Executive Council posthumously awarded the fifty-sixth International Meteorological Organization (IMO) Prize to Professor Aksel C. Wiin-Nielsen (Denmark).

**5.1.2** The Council established the IMO Prize Selection Committee for the fifty-seventh IMO Prize comprised of Messrs A.D. Moura (chair), M.L. Bah, R. García Herrera and A. Rolle.

### **5.2 OTHER AWARDS** (*agenda item 5.2*)

#### **Norbert Gerbier-MUMM International Award**

**5.2.1** The Council approved the proposal of the Selection Committee for the Norbert Gerbier-MUMM International Award and conferred the 2012 award on Drs C. Yi, D. Ricciuto, R. Li, J. Wolbeck, X. Xu, M. Nilsson and 145 other authors for their paper entitled “Climate control of terrestrial carbon exchange across biomes and continents” published in *Environmental Research Letters* in 2010, Volume 5. The authors came from 116 academic institutes and over six continents.

## **WMO Research Award for Young Scientists**

**5.2.2** Based on the recommendation of its Selection Committee, the Council conferred the 2011 WMO Research Award for Young Scientists upon Mr Rudi van der Ent from the Netherlands for the paper entitled “Origin and fate of atmospheric moisture over continents” by R.J. van der Ent, H.H.G. Savenije, B. Schaefli and S.C. Steele-Dunne (2010), published in *Water Resources Research*, Vol. 46, W09525, 12 pp.

## **5.3 ARRANGEMENTS FOR THE SCIENTIFIC LECTURE FOR EC-LXIV (agenda item 5.3)**

**5.3.1** The Executive Council recalled its decision to invite IMO Prize winners to deliver lectures at subsequent sessions of the Council or Congress.

**5.3.2** With respect to its decision to award the 56<sup>th</sup> IMO Prize posthumously to Prof. Aksel Wiin-Nielsen, the Council requested the Secretary-General to make the necessary arrangements for a suitable lecture at EC-LXIV in consultation with the President.

## **5.4 WORLD METEOROLOGICAL DAY THEME (agenda item 5.4)**

The Council decided that the theme for the World Meteorological Day in 2013 would be “Weather and climate: engaging youth”, with flexibility for translation into other languages.

## **5.5 STAFF MATTERS (agenda item 5.5)**

### **Report on appointments, promotions, nominations and transfers of staff in the Professional category and above**

**5.5.1** In accordance with Article 21 (b) of the WMO Convention, the Council examined and approved the appointments made by the Secretary-General and the extensions of appointment of staff beyond the statutory age of retirement initiated by the Secretary-General since its sixty-second session. The Council noted the nominations and/or promotions made by the Secretary-General since its last session as a result of competition after issuance of vacancy notices and the transfers and/or changes initiated by the Secretary-General since its sixty-second session. The appointments, promotions, nominations and transfers of staff in the Professional category and above are listed in [Annex III to the present report](#).

### **Amendments to Staff Rules**

**5.5.2** The Executive Council noted the amendments to the Staff Rules applicable to Secretariat staff made by the Secretary-General since the sixty-second session of the Council.

### **Malicious Acts Insurance Programme (MAIP)**

**5.5.3** The Executive Council was informed that WMO had not yet participated in the United Nations Malicious Acts Insurance Programme (MAIP), insuring against malicious acts against staff members, consultants, seconded experts and experts on mission with DSA allowances. Since WMO is implementing or expected to implement programmes and projects which may require the sending of expert missions and the convening of meetings in areas where malicious acts occur or may occur, the Executive Council recommended that the Secretary-General examine further the option of joining MAIP as already done by the majority of United Nations agencies and to report to the sixty-fourth session of the Executive Council. This report is expected to include an assessment of risk exposure and a cost-benefit analysis of the options involved.

## 5.6 FINANCIAL MATTERS (*agenda item 5.6*)

### Consideration of the financial statements for the year 2010

**5.6.1** Taking into account the reports of FINAC and the Audit Committee, the Executive Council considered and approved the audited financial statements of the World Meteorological Organization for the year 2010. The Executive Council noted with satisfaction that the External Auditor has issued an unqualified opinion on the accounts for the year 2010.

**5.6.2** The Council noted that the 2010 financial statements have been prepared for the first time in accordance with the International Public Sector Accounting Standards (IPSAS) as approved by Congress at its fifteenth session (paragraph 10.1.8 of WMO-No. 1026).

**5.6.3** The Council noted that as at 31 December 2010, total assets amounted to CHF 194.1 million (2009: 200.0 million) and total liabilities to CHF 139.7 million (2009: 140.1 million), resulting in net assets/equity of CHF 54.4 million (2009: CHF 59.9 million).

**5.6.4** The Council noted that for the year ended 31 December 2010, total revenue amounted to CHF 87.7 million and total expenses to CHF 90.2 million, resulting in a deficit of CHF 2.5 million.

**5.6.5** The Council noted that the total cash balances are strong despite a decrease of CHF 8.3 million from CHF 73.0 million at the end of 2009 to CHF 64.7 million at the end of 2010.

**5.6.6** The Council noted that for the year ended 31 December 2010, the total budget amounted to CHF 77.2 million, including the re-appropriation of CHF 8.1 million from the biennium 2008-2009, and expenditure to CHF 69.9 million.

**5.6.7** The Council noted that the Organization incurred a deficit of CHF 2.1 million in the General Fund in 2010.

**5.6.8** The Council noted that arrears of contributions increased by CHF 3.2 million during the year 2010 from CHF 13.9 million at 31 December 2009 to CHF 17.1 million at 31 December 2010. The Council urged the Members to clear their dues at an early date.

**5.6.9** The Council further noted that voluntary funded expenditure amounted to CHF 15.2 million in 2010 (CHF 24.2 million in 2009) and voluntary funded income amounted to CHF 14.9 million in 2010 (2009: CHF 29.2 million). The Council also noted that the cash balance for voluntary funded activities amounted to CHF 25.7 million (2009: CHF 44.6 million), reflecting the policy to engage in expenditure only after the voluntary contributions have been received.

**5.6.10** The Council considered that the financial position of the World Meteorological Organization remains solid at the end of 2010.

**5.6.11** The Council adopted [Resolution 10 \(EC-LXIII\) – Consideration of the financial statements of the World Meteorological Organization for the year 2010](#).

### Appointment of the External Auditor

**5.6.12** The Executive Council noted that in accordance with Resolution 26 (EC-LIX) – Term of appointment of the External Auditor, an External Auditor can serve any number of terms, but no more than two consecutively. The current External Auditor, the Comptroller and Auditor-General of the United Kingdom, originally appointed as from 1 July 2004, was completing his second consecutive term of office, which would terminate on 30 June 2012. Accordingly, a new External Auditor should be appointed as from 1 July 2012.

**5.6.13** The Council examined the list of Auditor-Generals of some Members who have notified WMO of their interest to serve as the External Auditor of the Organization. It recognized that all those Auditor-Generals who were nominated performed duties and assumed responsibilities in their respective countries requiring an equivalent level of professional expertise for auditing the WMO accounts. It took into account mainly their previous experience in international organizations and in the implementation of International Public Sector Accounting Standards (IPSAS), proposed fees as well as overall value-for-money, duration of audit work (as a measure of appreciation of the scope involved), and proposed audit approach.

**5.6.14** With those requirements in mind, and noting the recommendation of the Financial Advisory Committee and the views of the Audit Committee, the Council decided to appoint the Director of the Swiss Federal Audit Office and Auditor-General of Switzerland to serve as the External Auditor of WMO as from 1 July 2012 for a term of office to terminate on 30 June 2016.

**5.6.15** The Council requested the Secretary-General and the Audit Committee to define a formal process for the future selection and appointment of the External Auditor which would include appropriate selection criteria and incorporate best practice principles where appropriate. Furthermore, the Council requested that in this process, information that is to be analyzed by the Audit Committee and FINAC be objective and complete enough to allow for relevant recommendations to be made to the Executive Council, without breach of any confidentiality arrangements provided for in the selection process.

**5.6.16** The Council also decided that it would take appropriate action at its next session to formally notify the Comptroller and Auditor-General of the United Kingdom of its expression of deep appreciation for the long and valuable services he has rendered to the Organization.

**5.6.17** The Council adopted [Resolution 11 \(EC-LXIII\) – Appointment of the External Auditor](#).

## **Report of the Financial Advisory Committee**

**5.6.18** The Executive Council noted with appreciation the various recommendations of the Financial Advisory Committee contained in [Annex IV to the present report](#). The Council took account of those recommendations in making its decisions under the various related agenda items.

## **5.7 IMPLEMENTATION OF RISK MANAGEMENT**

### **Rules of Procedure of the Executive Council**

**5.7.1** The Executive Council recalled the decisions of the fifteenth and sixteenth sessions of Congress to approve the WMO Strategic Plans and Results-based Budgets for the periods 2008-2011, and 2012-2015, respectively. The Council noted that, following the outcomes of the Fifteenth Congress, the Secretary-General has continued to implement risk management process as an integral part of Systems of Internal Control and Results-based Management (RBM). It also noted the completion of the first and second phases of the WMO Enterprise Risk Management project that produced high level risk assessment of the main organizational risks and a Roadmap to further address limitations in ERM at the Secretariat. The Council welcomed the decision of the Secretary-General to establish an Internal Risk Management Committee within the Secretariat to further the implementation of risk management.

**5.7.2** The Council noted that the Audit Committee continued to monitor progress in the implementation of risk management in the Secretariat. The Council requested the Audit Committee to continue to consider the adequacy and development of risk management processes in the Organization and to keep it informed.

**5.7.3** The Council noted the recommendations of the Audit Committee to engage constituent bodies in developing organizational wide risk management framework and approved the WMO risk management policy.

**5.7.4** In that connection, the Council adopted [Resolution 12 \(EC-LXIII\) – Implementation of risk management](#).

## **6. INTERNAL MATTERS OF THE EXECUTIVE COUNCIL** (*agenda item 6*)

### **Designation of acting member(s) of the Executive Council**

**6.1** The Executive Council designated Dr A.V. Frolov as acting member of the Executive Council replacing Dr A.I. Bedritsky.

### **Rules of Procedure of the Executive Council**

**6.2** Based on experience gained and lessons learnt from the elections by correspondence carried out since Cg-XV, the Council expressed the view that the procedure to be followed for election by correspondence of acting members of the Executive Council could be adjusted to avoid unnecessary vote by ballots.

**6.3** The Council considered several options to give credit to efforts made by the Regions of the outgoing members to propose candidates within the Region(s) concerned. After discussion, the Council agreed that Rule 16 (b) of the Rules of Procedure of the Executive Council should be amended with the purpose to ensure proper consultation within the Region(s) concerned.

**6.4** The Council accordingly adopted [Resolution 13 \(EC-LXIII\) – Amendments to the Rules of Procedure of the Executive Council](#).

### **Amendment of the Annex to Resolution 19 (EC-XLII)**

**6.5** The Council considered the annex to Resolution 19 (EC-XLII) – Rules governing payment of travel expenses and subsistence allowances in respect of non-staff members of WMO and noted the decision of the Executive Council at its forty-fourth session, “granting, upon request, in exceptional cases, both travel expenses and subsistence allowance to EC members from the least developed countries who are in need of such support to enable their full participation in sessions of the Executive Council”. At the forty-fourth session the Executive Council also decided that the rules governing payment of travel expenses and subsistence allowances in respect of non-staff members of WMO would stand revised in this respect and that the amendments will be incorporated in a revised version of the rules on an appropriate occasion in the future. Based on the above, the Executive Council agreed to revise section 10 of the annex to the Resolution and add the following paragraph to it:

#### **10. Members of the Executive Council (when travelling to attend sessions of the Executive Council) except the President**

(d) Least Developed Countries

Notwithstanding the above paragraphs (a), (b) and (c), both travel expenses and subsistence allowance will be paid upon request to EC members from *Least Developed Countries (LDCs)*<sup>1</sup> if they are in need of such support to enable their full participation in sessions of the Executive Council.

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<sup>1</sup> The list of LDCs is established by the United Nations.

**7. REVIEW OF PREVIOUS RESOLUTIONS OF THE EXECUTIVE COUNCIL** (*agenda item 7*)

The Executive Council reviewed those of its previous resolutions which were still in force at the time of the sixty-third session and adopted [Resolution 14 \(EC-LXIII\) – Review of previous resolutions of the Executive Council](#).

**8. DATE AND PLACE OF THE SIXTY-FOURTH AND SIXTY-FIFTH SESSIONS OF THE EXECUTIVE COUNCIL** (*agenda item 8*)

**8.1** The Executive Council agreed that its sixty-fourth session would be held at the WMO Headquarters from Tuesday, 19 June to Friday, 29 June 2012, following FINAC on Monday, 18 June.

**8.2** The Council also agreed that its sixty-fifth session will be held at the WMO Headquarters from Tuesday, 28 May to Friday, 7 June 2013, following FINAC on Monday, 27 May.

**9. CLOSURE OF THE SESSION**

The sixty-third session of the Executive Council closed at 5.25 p.m. on 8 June 2011.

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# RESOLUTIONS ADOPTED BY THE SESSION

## Resolution 1 (EC-LXIII)

### ESTABLISHMENT OF AN EXECUTIVE COUNCIL TASK TEAM ON THE GLOBAL FRAMEWORK FOR CLIMATE SERVICES

THE EXECUTIVE COUNCIL,

**Noting:**

- (1) The *Proceedings of the World Climate Conference-3: Towards a Global Framework for Climate Services* (WMO-No. 1058),
- (2) The *Report of the High-level Taskforce for the Global Framework for Climate Services: Climate Knowledge for Action: A Global Framework for Climate Services – Empowering the Most Vulnerable* (WMO-No. 1065),
- (3) Resolution 47 (Cg-XVI) – Response to the Report of the High-level Taskforce on the Global Framework for Climate Services,

**Noting further** that Congress, at its sixteenth session, endorsed the broad thrust of the *Report of the High-level Taskforce* and entrusted this Executive Council with the responsibility of developing proposals, with the involvement of relevant stakeholders, including other United Nations bodies, for consideration by an Extraordinary Session of the World Meteorological Congress, and that these proposals are to address the:

- (1) Development of the draft implementation plan for the Global Framework for Climate Services (GFCS),
- (2) Establishment of the draft terms of reference and rules of procedure for the Intergovernmental Board of the GFCS and its substructures based on the draft implementation plan,

**Decides:**

- (1) To establish an Executive Council Task Team on the Global Framework for Climate Services (ECTT-GFCS) with terms of reference as given in the annex to the present resolution;
- (2) That the ECTT-GFCS should submit its draft report to the Council at its sixty-fourth session in 2012;
- (3) That the membership of the ECTT-GFCS will include Executive Council members (as indicated in Annex II to the report of the sixty-third session of the Executive Council), who will work closely with the presidents of the technical commissions, with the Chair of the Joint Scientific Committee of the World Climate Research Programme, and with the Chair of the Steering Committee for the Global Climate Observing System (GCOS);
- (4) That the ECTT-GFCS should consult broadly at an early stage with Members, agencies within the United Nations system, international and regional organizations, governmental organizations, non-governmental bodies, and other relevant stakeholders, in its work;



- (5) That the ECTT-GFCS may establish sub-group(s) as required to support its work, with the inclusion of relevant stakeholders and experts;

**Requests** the Secretary-General:

- (1) To facilitate interaction and consultation with all stakeholders of the GFCS, including agencies within the United Nations system and other relevant international and regional organizations, governmental organizations, non-governmental bodies, and other relevant stakeholders, with respect to GFCS implementation and their input with regard to the work of the ECTT-GFCS;
- (2) To support the work of the ECTT-GFCS to successfully complete its deliverables within the specified timeframe.

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**Annex to Resolution 1 (EC-LXIII)**

**TERMS OF REFERENCE OF THE EXECUTIVE COUNCIL TASK TEAM ON THE  
GLOBAL FRAMEWORK FOR CLIMATE SERVICES**

The Executive Council Task Team on the Global Framework for Climate Services (ECTT-GFCS) will support the Executive Council in implementing the decisions on the GFCS taken by the Sixteenth World Meteorological Congress (Cg-XVI), through development of the following proposals for consideration by an Extraordinary Session of the World Meteorological Congress in 2012, for:

1. A detailed draft implementation plan for the Global Framework for Climate Services, based on the broad strategy outlined by the High-level Taskforce, duly incorporating:
    - (a) Identification of high-priority projects to advance the Framework;
    - (b) A sustainable programme to underpin the coordination needed to maintain operational capabilities of the Framework;
    - (c) The setting of targets to be achieved during the next ten years;
    - (d) Roles and responsibilities of components of the Framework that contribute to climate services at the global, regional and national levels, including risk assessment.
  2. The draft terms of reference and initial rules of procedure for the Intergovernmental Board of the GFCS and its substructures based on the draft implementation plan.
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## Resolution 2 (EC-LXIII)

### COORDINATION OF CLIMATE ACTIVITIES

THE EXECUTIVE COUNCIL,

#### Noting:

- (1) *The Report of the High-level Taskforce for the Global Framework for Climate Services: Climate Knowledge for Action: A Global Framework for Climate Services – Empowering the Most Vulnerable* (WMO-No. 1065),
- (2) *The Abridged Final Report with Resolutions and Recommendations of the Fifteenth Session of the Commission for Climatology* (WMO-No. 1054),
- (3) *The Abridged Final Report with Resolutions of the Sixteenth World Meteorological Congress* (WMO-No. 1077), including its decisions contained in Resolution 47 (Cg-XVI) – Response to the Report of the High-level Taskforce on the Global Framework for Climate Services, Resolution 18 (Cg-XVI) – World Climate Programme, Resolution 16 (Cg XVI) – Climate Data Requirements and Resolution 48 (Cg-XVI) – Implementation of the Global Framework for Climate Services),
- (4) The WMO Strategic Plan (2012–2015),

#### Recognizing:

- (1) The central role of WMO and the National Meteorological and Hydrological Services (NMHSs) of its Members in climate issues on global, regional and national scales, through observing, monitoring, research, modelling, development and delivery of climate products and services,
- (2) That the WMO World Climate Programme (WCP), re-established with a new structure, will play a key role in the implementation of the Global Framework for Climate Services (GFCS),
- (3) That the Global Climate Observing System (GCOS) and the World Climate Research Programme (WCRP), which are two components of WCP and are co-sponsored by WMO and other partners, are guided by a Steering Committee and a Joint Scientific Committee, respectively, while the World Climate Applications and Services Programme (WCASP) is guided by the Commission for Climatology (CCI),
- (4) That the other technical commissions of WMO, such as the Commission for Atmospheric Sciences (CAS), the Commission for Basic Systems (CBS) and the Joint WMO/IOC Commission for Oceanography and Marine Meteorology (JCOMM), among others, provide significant contributions to WMO climate activities,
- (5) The founding and co-sponsorship role of WMO in the activities of the Intergovernmental Panel on Climate Change (IPCC) and the active role of WMO and the NMHSs of its Members in the IPCC and in the United Nations Framework Convention on Climate Change,
- (6) The active partnership of WMO with the United Nations Environment Programme (UNEP) with regard to WCP and IPCC, and also with several other United Nations bodies and international organizations on climate-related matters,

- (7) That there is a need for an effective framework for coordination of WMO activities in climate matters,

**Decides:**

- (1) To re-establish an Executive Council Working Group on Climate and Related Weather, Water and Environmental Matters (WG-CWE) with the existing terms of reference;
- (2) That the membership of the WG-CWE will include EC members (indicated in Annex II to the report of the sixty-third session of the Executive Council) and ex officio members from the technical commissions (including the Commission for Agricultural Meteorology (CAgM), CCI, CAS, CBS, the Commission for Hydrology (CHy) and JCOMM), the WCRP Joint Scientific Committee, and the GCOS Steering Committee, and that representatives of other United Nations agencies or Programmes could be included by the co-chairs as required;
- (3) That the WG-CWE may establish sub-group(s) and task team(s) as required to support its work;

**Requests WG-CWE:**

- (1) To propose revised terms of reference for consideration at the sixty-fourth session of the Executive Council;
- (2) To assess the proposal from UNEP to join WCP with the new UNEP Programme of Research on Climate Change Vulnerability, Impacts and Adaptation (PRO-VIA), duly considering its scope, governance structure, funding arrangements, and priorities vis-à-vis its relation with the GFCS, and recommend appropriate decisions in this regard.

**Note:** This resolution replaces Resolution 22 (EC-LIX), which is no longer in force.

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**Resolution 3 (EC-LXIII)**

**ESTABLISHMENT OF A JOINT CCI/CAgM/CHy EXPERT GROUP ON  
CLIMATE, FOOD AND WATER**

THE EXECUTIVE COUNCIL,

**Noting:**

- (1) The *Abridged Final Report with Resolutions and Recommendations of the Thirteenth Session of the Commission for Hydrology* (WMO-No. 1033),
- (2) The *Abridged Final Report with Resolutions and Recommendations of the Fifteenth Session of the Commission for Climatology* (WMO-No. 1054),
- (3) The *Abridged Final Report with Resolutions and Recommendations of the Fifteenth Session of the Commission for Agricultural Meteorology* (WMO-No. 1062),
- (4) The *Abridged Final Report of the Sixteenth World Meteorological Congress* (WMO-No. 1077), paragraph 3.5.4.26 of the general summary, on the World Climate Programme,

**Considering:**

- (1) The fundamental needs for adequate food and water to sustain human beings and different ecosystems around the world,
- (2) That climate variability and change have implications for food security and hydrological extremes, and that climate information is an important component in the associated multi-hazard early warning systems,
- (3) The technical strengths and capacities of WMO Members in addressing climate, agriculture/food and water issues through their activities within the WMO Commissions for Climatology (CCI), Hydrology (CHy) and Agricultural Meteorology (CAgM),
- (4) The need to increase synergies in WMO activities related to food and water under the conditions of a variable and changing climate, to effectively address the priorities as recommended by the High-level Taskforce on the Global Framework for Climate Services (GFCS),
- (5) The longstanding partnership of WMO with the Food and Agriculture Organization of the United Nations (FAO), the World Food Programme (WFP) and the United Nations Educational, Scientific and Cultural Organization (UNESCO),
- (6) The direction given by the Sixteenth World Meteorological Congress to establish a Joint Inter-Commission Expert Group on Climate, Food and Water,

**Decides:**

- (1) To establish a Joint CCI/CAgM/CHy Expert Group on Climate, Food and Water (JCEG-CFW), with the terms of reference as provided in the annex to the present resolution;
- (2) That the JCEG-CFW will largely depend on the work of the various Open Panels of Experts/Open Programme Area Groups set up in each of the technical commissions, but that other experts (including representatives from FAO, WFP and UNESCO, as appropriate) could be invited as required;
- (3) That the members representing CCI, CHy and CAgM on the JCEG-CFW would bring the perspectives of their respective commissions to the Expert Group's work, and would report back to their respective management/advisory groups on the progress of their joint activities;

**Requests** the Executive Council Working Group on Climate and Related Weather, Water and Environmental Matters (WG-CWE) to identify a suitable Focal Point to facilitate active interaction with the JCEG-CFW.

**Annex to Resolution 3 (EC-LXIII)**

**TERMS OF REFERENCE OF THE JOINT CCI/CAgM/CHy EXPERT GROUP  
ON CLIMATE, FOOD AND WATER**

1. To oversee and coordinate the joint activities of the WMO Commissions for Climatology (CCI), Hydrology (CHy) and Agricultural Meteorology (CAgM) with regard to climate, food and water applications related to climate variability, climate change adaptation and risk

management, particularly with a view to taking an integrated approach towards drought and desertification issues;

2. To oversee the development and provision of guidance on the use of methods, tools and best practices for studying climate, food and water linkages in an integrated manner;
  3. To promote and guide the establishment of effective linkages among the operational elements of climate service providers at the global, regional and national levels, and the corresponding decision support systems within the water and food sectors;
  4. To recommend ways to improve the availability of data, and their integration, for CCI, CAgM and CHy climate, food and water studies;
  5. To promote the effective use of climate and hydrological information associated with climate variability and change, in water resources management and food production;
  6. To promote efforts to understand, quantify and effectively communicate the associated uncertainty to users while delivering products and services;
  7. To promote closer working relations between WMO and the Food and Agriculture Organization of the United Nations (FAO), the World Food Programme (WFP) and the United Nations Educational, Scientific and Cultural Organization (UNESCO) with regard to climate, food and water issues;
  8. To monitor the developments in international and national forums and the United Nations Conventions relevant to climate, food and water;
  9. To maintain close interaction with the Executive Council Working Group on Climate and Related Weather, Water and Environmental Matters (WG-CWE) through its Focal Point.
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#### **Resolution 4 (EC-LXIII)**

#### **INTER-COMMISSION COORDINATION GROUP ON THE WMO INTEGRATED GLOBAL OBSERVING SYSTEM**

THE EXECUTIVE COUNCIL,

**Noting** Resolution 50 (Cg-XVI) – Implementation of the WMO Integrated Global Observing System,

**Considering** the request expressed in Resolution 50 (Cg-XVI) for the Executive Council to:

- (1) Monitor, guide and support the implementation of the WMO Integrated Global Observing System (WIGOS),
- (2) Establish an Inter-Commission Coordination Group on WIGOS (ICG-WIGOS) with representatives of regional associations and international partner organizations during the implementation process,

**Decides:**

- (1) To establish an Inter-Commission Coordination Group on the WMO Integrated Global Observing System with terms of reference as follows:

- (a) To coordinate and prioritize WIGOS-related activities carried out by relevant technical commissions for all WMO domain areas, including deserts and drylands;
  - (b) To provide technical guidance and assistance for the planning, implementation and further development of the Global Observing System (GOS), the Global Atmosphere Watch (GAW), the World Hydrological Cycle Observing System (WHYCOS) and the Global Cryosphere Watch (GCW) as core components of WIGOS, including interoperability of observing systems, their long-term sustainability, standardization of instruments and methods of observation, WMO Information System (WIS) information exchange and discovery, and the quality management framework;
  - (c) To advise the regional associations on the technical and capacity-building aspects of WIGOS implementation activities in the respective WMO Regions;
  - (d) To improve guidance to Members on implementation of WIGOS at a national level;
  - (e) To maintain close cooperation at a technical level with WMO partner organizations such as the United Nations Educational, Scientific and Cultural Organization (UNESCO) and its Intergovernmental Oceanographic Commission (IOC), the United Nations Environment Programme (UNEP), the Food and Agriculture Organization of the United Nations (FAO), and the International Council for Science (ICSU), and ensure coordination among co-sponsors of the Global Climate Observing System (GCOS), Global Ocean Observing System (GOOS) and Global Terrestrial Observing System (GTOS);
  - (f) To identify and communicate WIGOS benefits to relevant international partner organizations;
  - (g) To address major issues identified by the Executive Council and provide technical advice on the further development and implementation of WIGOS;
  - (h) To coordinate WIGOS and related WIS implementation activities;
  - (i) To report to subsequent sessions of the Council on the progress in implementation of WIGOS;
- (2) That a representative of each regional association, designated by its president, shall participate in relevant activities of ICG-WIGOS;
  - (3) That the chair may seek advice from, or invite experts, as necessary;

**Further decides** that the Executive Council focal points on WIGOS will be ex officio members of ICG-WIGOS to ensure a close link with the Council;

**Designates** the president of the Commission for Basic System (CBS) as chair of ICG-WIGOS;

**Requests:**

- (1) The presidents of the technical commissions and regional associations to designate experts representing each technical commission and regional association, respectively, to participate in the work of ICG-WIGOS;
- (2) The presidents of the technical commissions and regional associations to review, at the annual meeting of presidents of technical commissions, outcomes of the work of ICG-WIGOS;

- (3) ICG-WIGOS to develop, review and submit the WIGOS Implementation Plan (WIP) for approval by the sixty-fourth session of the Executive Council;

**Authorizes** ICG-WIGOS to establish Inter-Commission task teams as and when required with representatives of international partner organizations to address the WIGOS standardization process, WMO regulatory material issues, and improvement of WIGOS observing components;

**Requests** the Secretary-General to provide the necessary assistance and Secretariat support for this group, within the available budgetary resources;

**Invites** the WMO/IOC/UNEP/ICSU Steering Committee for the Global Climate Observing System, the WMO/ICSU/IOC Joint Scientific Committee for the World Climate Research Programme (WCRP), the WMO/IOC/UNEP/ICSU Steering Committee for the Global Ocean Observing System, and the WMO/FAO Joint Scientific Committee for the Global Terrestrial Observing System to participate in relevant activities of ICG-WIGOS and collaborate with WMO on the implementation of WIGOS.

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**Note:** This resolution replaces Resolution 3 (EC-LIX), which is no longer in force.

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### Resolution 5 (EC-LXIII)

#### EXECUTIVE COUNCIL PANEL OF EXPERTS ON POLAR OBSERVATIONS, RESEARCH AND SERVICES

THE EXECUTIVE COUNCIL,

**Noting:**

- (1) Resolution 3 (Cg-XVI) – Global Observing System,
- (2) Resolution 50 (Cg-XVI) – Implementation of the WMO Integrated Global Observing System,
- (3) Resolution 55 (Cg-XVI) – Antarctic Observing Network,
- (4) Resolution 56 (Cg-XVI) – Amendments to the *Manual on the Global Observing System* (WMO-No 544), Volume II, Regional Aspects – The Antarctic,
- (5) Resolution 57 (Cg-XVI) – Global Integrated Polar Prediction System,
- (6) Resolution 58 (Cg-XVI) – WMO Polar Activities,
- (7) Resolution 59 (Cg-XVI) – International Polar Decade Initiative,
- (8) Resolution 60 (Cg-XVI) – Global Cryosphere Watch,
- (9) Resolution 11 (EC-LXII) – Executive Council Panel of Experts on Polar Observations, Research and Services,

**Considering:**

- (1) That the polar regions are experiencing an increase in human presence and activities, requiring new or enhanced services linked to weather, climate, water and related environmental matters,
- (2) That the polar regions are extremely important in terms of their global impacts on weather and climate, and the functioning of the Earth system,
- (3) That there are concerns about amplification of anthropogenic climate change at higher latitudes, combined with an increasing interest in polar regions by many governments, which calls for a better understanding of weather, climate, water and related environmental variability and change in order to improve our ability to make reliable, quantitative predictions out to seasons, decades and centuries ahead,
- (4) That there remain key gaps in scientific understanding of processes and interactions in polar regions, including boundary layer behaviour, polar clouds and precipitation, sea ice/ocean dynamics, hydrology, permafrost and ice sheet dynamics, and the functioning of the Earth system,
- (5) That there is a continuing need for weather, climate, water and related environmental data from the polar regions, including enhancement and development of instruments and methods of observation suited to these areas; for the full implementation of the World Weather Watch; and for the full realization of the value of research, monitoring and prediction of hydrology, climate change, atmospheric composition and the ozone layer over the polar regions,
- (6) That successful implementation of the International Polar Year (IPY) 2007–2008 has resulted in a legacy of enhanced polar observing systems and research on the polar environment,
- (7) That arrangements ensuring the legacy of the IPY-enhanced observational networks are cross-cutting and should be closely coordinated with the implementation of the WMO Integrated Global Observing System (WIGOS), and designed to improve in a most efficient way the capability of Members to provide the widening range of operational services and to better serve research programme requirements,
- (8) That there is an ongoing need to formalize responsibilities for the Antarctic as a region not covered by any of the WMO regional associations,
- (9) That the establishment and maintenance of an Antarctic Observing Network (AntON) of surface and upper-air stations to meet the requirements of Members are among the most important obligations of Members under Article 2 of the WMO Convention,
- (10) That the density of the current Antarctic Observing Network of surface and upper-air stations is much less than what is needed to properly characterize Antarctic weather and climate,
- (11) That operational and research observing networks in polar regions (including AntON) should be integrated within the framework of WIGOS and the WMO Information System (WIS) and be enhanced to include cryosphere-related variables,
- (12) That the Sixteenth Congress decided to embark on a decadal endeavour towards a Global Integrated Polar Prediction System (GIPPS) to benefit the global community,



- (13) That the Sixteenth Congress approved participation by WMO in the International Polar Decade (IPD) should this initiative be endorsed by relevant international organizations as key stakeholders,
- (14) That the Sixteenth Congress decided to embark on the development of the Global Cryosphere Watch (GCW) with a view toward the establishment of an operational GCW,

**Decides:**

- (1) To re-establish the Executive Council Panel of Experts on Polar Observations, Research and Services (EC-PORS);
- (2) That the Panel will be composed of members nominated by the Permanent Representatives of Members, including Parties to the Antarctic Treaty, that have active meteorological, hydrological, oceanographic or cryospheric programmes, in particular in the polar regions;
- (3) That observers from other groups may be invited to attend meetings of the Panel;
- (4) That the Panel shall make recommendations to the Executive Council within its terms of reference, including the recommended Antarctic Observing Network and applicable standard practices, especially recommendations for updates to the *Manual on the Global Observing System* (WMO-No. 544), Volume II, Chapter 7 “The Antarctic” and the *Manual on the Global Telecommunication System* (WMO-No. 386), Volume II, Chapter 7 “The Antarctic”, and relevant parts of the *Manual on the Global Data-processing and Forecasting System* (WMO-No. 485) and other relevant Manuals and Guides, such as those for WIS, WIGOS and services to users in the polar regions;
- (5) That the Panel will undertake the following:

**For both polar regions:**

- (a) To develop and promote an integrated approach to understanding the global impact of changes in polar regions so that the required services may be provided to users and governments may be advised on aspects of adaptation;
- (b) To ensure that operational and research observing networks in polar regions (including AntON) are integrated within the framework of WIGOS and WIS and are enhanced to include cryosphere-related variables;
- (c) To engage in a concerted effort to involve WMO Members, technical commissions and regional associations, as well as relevant research and international organizations and bodies, in improving predictive capability in polar regions on timescales from hours to centuries;
- (d) To establish a high-level WMO partnership in activities aimed at securing the IPY observing system legacy in close cooperation with operational agencies in Member countries and international organizations that have a great interest in polar regions, such as the Sustaining Arctic Observing Networks (SAON);
- (e) To guide the development of the Global Cryosphere Watch (GCW) in collaboration with technical commissions, regional associations and relevant international programmes, organizations and bodies;
- (f) To guide the development of the Global Integrated Polar Prediction System in collaboration with technical commissions, regional associations and relevant international programmes, organizations and bodies;
- (g) To coordinate WMO participation in the International Polar Decade initiative;

- (h) To facilitate the acquisition, exchange and archiving of observational data from polar regions in compliance with WIGOS requirements related to instruments, data exchange (WIS) and the Quality Management Framework (QMF), and to underpin the provision of services required for safe operations in the polar regions;
- (i) To provide a forum for discussion of relevant scientific issues and make recommendations on meteorological, hydrological, oceanographic and cryospheric research and operations related to the polar regions;
- (j) To provide regular input on issues related to polar meteorology, hydrology, oceanography and the cryosphere to support the activities of relevant groups or bodies, such as the Scientific Committees for the World Climate Research Programme (WCRP), GCOS, the Global Atmosphere Watch programme (GAW) and The Observing system Research and Predictability Experiment of the World Weather Research Programme (WWRP/THORPEX); the International Arctic Science Committee; the Scientific Committee on Antarctic Research (SCAR); the Council of Managers of National Antarctic Programmes (COMNAP); the Intergovernmental Oceanographic Commission (IOC) of the United Nations Educational, Scientific and Cultural Organization (UNESCO); the Global Framework for Climate Services, and WMO technical commissions, regional associations and programmes, including the World Climate Programme (WCP);
- (k) To ensure close collaboration with other international organizations concerned, such as the Antarctic Treaty Consultative Meeting (ATCM), the Arctic Council, the Scientific Committee on Antarctic Research, the International Arctic Science Committee (IASC), the International Association of Cryospheric Sciences (IACS) and other relevant associations of the International Union of Geodesy and Geophysics (IUGG), the Council of Managers of National Antarctic Programmes, the Forum of Arctic Research Operators (FARO), and the Intergovernmental Oceanographic Commission;
- (l) To guide, in collaboration with the Commission for Hydrology, the development of the Arctic-HYCOS Project;

**For the Antarctic:**

The Panel should cooperate, as appropriate, with other relevant international and regional entities:

- (a) To promote the execution of the resolutions of Congress and the Executive Council in the area from 60°S to 90°S;
- (b) To coordinate programmes of surface and upper-air meteorological observations in the Antarctic, working with relevant international scientific organizations, and liaise with regional associations in relation to sub-Antarctic observations;
- (c) To coordinate design of the Antarctic Observing Network, comprising surface and upper-air stations, including the GCOS Surface Network (GSN), GCOS Upper-Air Network (GUAN), GAW and other relevant observing components;
- (d) To coordinate standardization of observing, coding, data exchange and data management practices applied for the Antarctic;

**For the Arctic:**

While appropriate functions are covered by respective regional associations, the Panel may liaise with them in defining appropriate components of Arctic observing systems and services;

**Authorizes** the Panel to establish sub-groups and task teams as and when required, including in particular an Antarctic Task Team;

**Requests the Secretary-General:**

- (1) To maintain the membership of the Panel in accordance with the relevant Regulations in consultation with the Co-Chairs and Members concerned;
- (2) To provide the necessary support to activities and sessions of the Panel, including liaison with relevant international organizations and bodies.

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**Note:** This resolution replaces Resolution 11 (EC-LXII), which is no longer in force.

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### Resolution 6 (EC-LXIII)

#### EXECUTIVE COUNCIL WORKING GROUP ON SERVICE DELIVERY

THE EXECUTIVE COUNCIL,

**Noting:**

- (1) The WMO Strategic Plan (2012–2015),
- (2) Resolution 5 (EC-LX) – Executive Council Working Group on Disaster Risk Reduction and Service Delivery,
- (3) Resolution 20 (Cg-XVI) – Public Weather Services Programme,
- (4) Resolution 23 (Cg-XVI) – Tropical Cyclone Programme,
- (5) Resolution 24 (Cg-XVI) – Marine Meteorology and Oceanography Programme,
- (6) Resolution 48 (Cg-XVI) – Implementation of the Global Framework for Climate Services,
- (7) Resolution 52 (Cg-XVI) – Disaster Risk Reduction Programme,
- (8) Resolution 53 (Cg-XVI) – Aeronautical Meteorology Programme,

**Noting further** that weather, climate, water and environmental information and risk assessment are important factors in decision-making in many socio-economic sectors and will play a vital role in the Global Framework for Climate Services (GFCS),

**Recognizing that:**

- (1) Service delivery is a cross-cutting issue requiring the expertise of weather, climate and water professionals, and also the expertise of social and economic specialists and sector-based experts,
- (2) WMO gives priority to improving the safety of lives, livelihoods and property through the application of meteorological and hydrological services, the Council considers that this working group will emphasize in particular all aspects of service delivery in the disaster risk reduction sector,

- (3) The Global Framework for Climate Services places particular emphasis on the “last mile” delivery of services, especially to those who are exposed to the negative impacts of climatic extremes,

**Decides** to establish an Executive Council Working Group on Service Delivery with the following terms of reference:

- (1) To provide guidance on further development and implementation of service delivery, in particular with respect to:
  - (a) Strengthening cooperation among the WMO technical commissions and regional associations in the delivery of services related to weather, climate, water and the environment, including those focused on oceans, and to ensure effective coordination with relevant Executive Council subsidiary bodies;
  - (b) Strategies and priorities that can be applied by National Meteorological and Hydrological Services (NMHSs) in the implementation of the WMO Strategy for Service Delivery;
  - (c) Ensuring that WMO addresses societal issues as expressed in the United Nations Millennium Development Goals, especially by including sustainable development and poverty alleviation in its service delivery;
  - (d) Strengthening partnerships at national to international levels between providers of weather-, climate- and water-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, among others;
- (2) To provide guidance on further development and implementation of the Disaster Risk Reduction (DRR) Programme, in particular with respect to:
  - (a) Developing appropriate governance mechanisms for the DRR Programme in the future, with the aim of further enhancing coordination among WMO Programmes, technical commissions, regional associations, the Secretariat and relevant partners;
  - (b) Reviewing the implementation approaches and outcomes of the regional/national cooperation projects in DRR, assessing their effectiveness, and in the light of special national and regional characteristics and needs, providing guidance for further expansion of these projects within the same region and to other (sub)regions;
  - (c) Facilitating further documentation of good practices and development of guidelines on Multi-Hazard Early Warning Systems (MHEWS), risk assessment, risk reduction and risk transfer to support the NMHSs in the further strengthening of their national linkages with other agencies and sectors in these areas;
  - (d) Advising on comprehensive and innovative training programmes and capacity development approaches linked to DRR projects;
- (3) To address other matters relating to disaster risk reduction and service delivery as requested by the Executive Council;
- (4) To provide support, guidance and advice for the strengthening of National Meteorological and Hydrological Services as part of national reconstruction and DRR planning following a major disaster;
- (5) To provide advice, guidance and recommendations for improving the service delivery capability of the Global Framework for Climate Services in the context of climate variability and climate change at national, regional and global levels, working in close contact with the

EC Working Group on Climate and Related Weather, Water and Environmental Matters and other subsidiary bodies of EC tasked with offering advice on the GFCS and its implementation;

**Authorizes** the working group to establish sub-groups and task teams as and when required;

**Requests** the Secretary-General to support the work of the working group.

**Note:** This resolution replaces Resolution 5 (EC-LX), which is no longer in force.

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### Resolution 7 (EC-LXIII)

#### EXECUTIVE COUNCIL WORKING GROUP ON WMO STRATEGIC AND OPERATIONAL PLANNING

THE EXECUTIVE COUNCIL,

**Noting:**

- (1) Resolution 29 (Cg-XV) – Evolution of National Meteorological and Hydrological Services and WMO,
- (2) *Abridged Final Report with Resolutions of the Fifteenth World Meteorological Congress* (WMO-No. 1026), Annex III, Madrid Action Plan,
- (3) Resolution 2 (EC-LIX) – Executive Council Working Group on WMO Strategic and Operational Planning,
- (4) The views of the Sixteenth Congress expressed in paragraph 7.4.5 of the general summary of the *Abridged Final Report with Resolutions of the Sixteenth World Meteorological Congress* (WMO-No. 1077) on improvement of WMO processes and practices,
- (5) The views of the Sixteenth Congress expressed in paragraph 9.3.7 of the general summary of the *Abridged Final Report with Resolutions of the Sixteenth World Meteorological Congress* (WMO-No. 1077) on the status of implementation of Joint Inspection Unit (JIU) recommendations,
- (6) Resolution 36 (Cg-XVI) – WMO Strategic Plan (2012–2015),
- (7) Resolution 38 (Cg-XVI) – Preparation of the Strategic Plan for 2016–2019,

**Decides** to re-establish an Executive Council Working Group on WMO Strategic and Operational Planning to carry out the following activities in the areas of:

***Strategic planning***

- (1) Improve and align the Organization-wide strategic, operational and budget planning process according to the relevant decisions and requests of the Sixteenth Congress, in particular with respect to:
  - (a) Refinement of the key performance indicators;

- (b) Monitoring of progress made in the implementation of the WMO Strategic Plan and evaluation of programme performance within the framework of the WMO Strategic Plan and Operating Plan 2012–2015;
- (c) Development of the WMO-wide Operating Plan 2012–2015;
- (d) Development of the next WMO Strategic Plan and WMO Operating Plan 2016–2019;

***Role and operation of NMHSs***

- (2) Address and keep under review the evolution of National Meteorological and Hydrological Services (NMHSs) and WMO, in particular with respect to:
  - (a) The Statement on the Role and Operation of NMHSs, particularly to address the needs of the Global Framework for Climate Services;
  - (b) Assessment of the status and trend in the evolution of the role and operation of NMHSs;
  - (c) Development of effective guidance materials that would enable NMHSs to become more responsive, proactive and relevant at the national level;
  - (d) Review, assessment and reporting of activities related to increased transparency and involvement of Members in governance issues of WMO between Congresses, according to Resolution 40 (Cg-XVI) – Increased transparency and involvement of Members in governance issues of WMO between Congresses;
  - (e) Encouragement and facilitation of cooperation arrangements and partnerships among relevant stakeholders;
  - (f) Development of guidance on how to enhance the visibility of NMHSs and WMO through adequate communication and advocacy;
  - (g) Effective follow-up arising from the WMO International Conference on Secure and Sustainable Living: Social and Economic Benefits of Weather, Climate and Water Services (Madrid, Spain, March 2007) and the Madrid Action Plan;

***Improvement of WMO processes and practices***

- (3) Work on, and implement as appropriate, continuous improvement of WMO processes and practices, and make specific proposals, which may include changes to the General Regulations or the WMO Convention as necessary;
- (4) Develop recommendations for improving the functioning of and linkages among WMO constituent bodies;
- (5) Presidents of technical commissions and regional associations, and other experts, could be invited by the chair, as appropriate;

**Authorizes** the working group to establish sub-groups and task teams as and when required;

**Requests** the Secretary-General, within the available budgetary resources, to:

- (1) Support the activities of the working group;

- (2) Take appropriate actions on the related issues and keep Members and other relevant international organizations informed as appropriate.

**Note:** This resolution replaces Resolution 2 (EC-LIX), which is no longer in force.

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### **Resolution 8 (EC-LXIII)**

#### **TERMS OF REFERENCE AND MEMBERSHIP OF THE AUDIT COMMITTEE**

THE EXECUTIVE COUNCIL,

**Noting** Resolution 10 (EC-LVIII) – Terms of reference of the Audit Committee and Resolution 38 (Cg-XV) – Audit Committee,

**Noting also** Recommendations of the Audit Committee,

**Noting further** the Recommendations of the External Auditor,

**Recognizing** the introduction of International Public Sector Accounting Standards (IPSAS) as new accounting standards for WMO and their importance for strengthening the financial management of WMO,

**Decides** to maintain the Audit Committee, reporting to the Executive Council, with the following terms of reference, membership and mode of operation:

#### **Authority of Committee**

- (1) The Audit Committee is mandated by the Executive Council to make observations and provide recommendations to the Executive Council and the Secretary-General on all matters relating to the legality, compliance, effectiveness, efficiency and economy of the WMO Secretariat management practices, including accounting, finance, ethics, rules, regulations and procedures, in order to assist the Executive Council in carrying out its oversight activities;
- (2) The Audit Committee shall be constituted as a subsidiary body of the Executive Council in accordance with Regulations 33 and 147 of the WMO General Regulations (2011 edition).

#### **Responsibilities and duties**

- (3) The Audit Committee shall discharge its mandate through the following responsibilities and duties:
  - (a) Assess the strengths and weaknesses of, and consider improvements to, the internal and external audit functions, and observe the follow-up to audit recommendations;
  - (b) Consider the adequacy and development of risk management processes;
  - (c) Monitor the quality and effectiveness of internal control and governance mechanisms and the content of assurances that underpin any Statement on Internal Control to ensure best practices;

- (d) Assess the suitability of accounting policies and the adequacy, reliability and accuracy of financial statements, and review the levels of error and the report of the External Auditor in respect of matters arising from the audit of financial statements;
- (e) Review the planned activities of internal and external audit, including the adequacy of the coverage of significant risks and key controls and compliance with professional standards, taking into account the responsibilities of executive management in these areas, and making recommendations for specific internal audit work as appropriate;
- (f) Review the internal audit charter, activities, staffing, other resources required and organizational structure;
- (g) Review and advise on performance of the audit services provided and any impediments to either operational or functional independence of the Internal and External Auditors;
- (h) Report on the adequacy of management responses to audit recommendations and the progress on implementation;
- (i) Appraise the mechanisms used by the Secretariat to recommend the appointment of an Internal Auditor;
- (j) Review and advise on the status of appointment, replacement, dismissal and fees of an External Auditor;
- (k) Review the adequacy of arrangements to prevent and detect fraud, and to ensure an appropriate anti-fraud culture;
- (l) Report on the compliance of WMO management with WMO regulations and the Organization's code of ethics;
- (m) Confirm the adequacy of assurances received from the Internal and External Auditors in their annual reports and opinions;
- (n) Review the effectiveness of the internal and external audit functions;
- (o) Perform any other duties consistent with the mandate as requested by the Executive Council;

#### **Audit Committee powers**

- (4) The Audit Committee has the power to:
  - (a) Invite specialists to supplement the Committee's experience or knowledge on a specialist matter;
  - (b) Request appropriate briefings from the Secretariat or auditors on specific or technical matters;

#### **Audit Committee reporting**

- (5) The Audit Committee shall report annually to the Executive Council and the Financial Advisory Committee (FINAC) and to Congress in a Congress year. The report should:
  - (a) Confirm that the Committee has discharged its mandate;
  - (b) Comment on the assurances underpinning the Statement on Internal Control;
  - (c) Comment on the financial statements and quality of financial reporting;
  - (d) Outline any concerns or observations the Committee deems necessary to report to the Executive Council;



- (e) Comment on the adequacy of the Committee's terms of reference and its effectiveness;

### **Membership**

- (6) The Audit Committee shall consist of seven members, each of whom will sit in a personal capacity;
- (7) The members shall be appointed by the Executive Council on the basis of their extensive professional expertise in financial, risk, audit, oversight and governance matters. The Executive Council shall ensure that the membership as a whole has a blend of relevant expertise, including knowledge of the operational and strategic direction of WMO. The Executive Council shall take into account the need for the Audit Committee to have an appropriate geographical and gender balance in considering the most highly qualified candidates;
- (8) The members must be independent of WMO management and may not hold any position or engage in any activity that might be liable to, or appear to, impair their impartiality in the exercise of their functions;
- (9) Former staff of WMO cannot be appointed to the Committee for at least five years following their separation from the Organization;
- (10) Members shall serve for a period of three years and may be re-appointed for a further period of three years. No individual may serve for more than six years in total;

### **Appointment of Members**

- (11) The Audit Committee members shall be appointed by the Executive Council through a transparent process as follows:
  - (a) A vacancy announcement for Audit Committee seats should be advertised and made available to a wide population of individuals with appropriate skills, including financial, accounting, budgeting and audit professionals;
  - (b) Qualified individuals are to submit their credentials for review to the Secretary-General. The Secretariat will review the qualifications, determine whether they meet the minimum requirements needed to serve, and submit a list of candidates to the Executive Council;
  - (c) The Council will appoint members of the Audit Committee from the list of candidates compiled by the Secretariat and authorize the President to fill any positions that fall vacant during the intersessional period;

### **Access to Meetings**

- (12) The meetings of the Audit Committee shall be closed. The Chair shall normally invite the following persons to attend sessions of the Committee:
  - (a) Senior management representatives;
  - (b) Head of the Internal Oversight Office;
  - (c) Legal counsel;
  - (d) Representatives of the External Auditor;

- (13) The Committee shall, as required, hold in camera sessions with the Head of the Internal Oversight Office and/or representatives of the External Auditor and/or the Secretary-General;

### **Meetings**

- (14) The Audit Committee shall meet twice a year. Additional sessions of the Audit Committee may be convened at the request of the Executive Council or the WMO President, or by two thirds of Audit Committee members, to consider urgent matters within its mandate;
- (15) The Plan of Work for Audit Committee meetings is outlined in the annex to this resolution. The agenda shall normally include an item on the declaration of interests of members;
- (16) The quorum of the Committee shall be a majority of its members;
- (17) Members may not appoint alternates or be accompanied by advisors to meetings of the Committee;
- (18) The Secretary-General shall ensure that the Committee has adequate Secretariat support, which shall include:
- (a) Assistance to the Chair in preparing the agenda for each meeting;
  - (b) Preparation of documents for the meeting, which shall be circulated at least five working days before the scheduled opening of the meeting;
  - (c) Preparation of reports on summary conclusions and circulation of said reports to the Chair and members of the Committee who attended the meeting within five working days of the close of the meeting;
  - (d) Assistance to the Committee in preparing Audit Committee reports to the Executive Council and other WMO bodies as appropriate;
  - (e) Any other reasonable requests from the Committee to assist it in executing its mandate;
- (19) The Audit Committee shall appoint a Chair and a Vice-Chair;

### **Effectiveness of the Committee**

- (20) The Committee shall annually review its effectiveness and consider the extent to which it has met its objectives. This review should consider the views of the Audit Committee members, the Secretary-General, the Internal Oversight Office and External Auditors. This review should be documented in a report to the Executive Council and should include any actions for improvement;

### **Administrative matters**

- (21) Financial support for participation by Audit Committee members in meetings shall be provided by the Organization.
- (22) The appointment of Committee members shall be confirmed by a letter from the WMO President, which should clearly outline the basis of appointment and cover responsibilities, conflict of interest, indemnities and reimbursement of costs;
- (23) The Secretary-General shall arrange for new Committee members to receive an appropriate briefing on the work of WMO;

- (24) The Secretary-General shall ensure that Audit Committee members receive ongoing briefings and other information on developments in the work of WMO to enable them to be well-informed and effectively discharge the mandate of the Committee.

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**Note:** This resolution replaces Resolution 10 (EC-LVIII), which is no longer in force.

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### **Annex to Resolution 8 (EC-LXIII)**

#### **ANNUAL WORK PLAN FOR THE AUDIT COMMITTEE**

##### **First Meeting (March – May)**

This meeting should be timed to coincide with the completion of the audit of the financial statements to enable the Committee to review the financial statements and Statement on Internal Control in light of both the External Auditor's findings and the annual report of Internal Oversight. The key items for the agenda include:

- **Financial statements** – these should be reviewed and considered alongside the findings and the recommended opinion from the External Auditor. The Secretary-General should be advised on signing the accounts.
- **Statement on Internal Control (SIC)** – the Audit Committee should review the content in order to confirm that the statements made are supported with sufficient and appropriate evidence and are a fair representation of the internal control environment at WMO. The Secretary-General should be advised on signing any SIC.
- **External audit findings** – these should be considered with regard to their impact on the Statement on Internal Control, the financial statements and the Internal Auditor's work for the following year.
- **Letter of representation** – the Audit Committee should consider the content, in particular any non-standard representations that the External Auditor is requesting. The Audit Committee should ensure that sufficient and appropriate assurances have been obtained and advise the Secretary-General on signing the letter.
- **Internal audit findings** – the previous year's annual report of Internal Oversight should be considered, as well as the question of whether it supports the assertions made in any SIC. In addition, the significant audit findings should be considered in their wider context and in light of their impact on the Organization.
- **Risk register** – the Audit Committee should review changes to the Secretariat's "top-10" risk register.
- **Audit Committee's annual report** – the Committee members should agree on the annual report of the Audit Committee to the Executive Council.

##### **Second Meeting (September – November)**

This meeting should focus on risk management, consider the reports produced by the Office of Internal Oversight, review the external audit strategy, and consider the action taken on the implementation of major recommendations from the previous year. The key items for the agenda include:

- **Office of Internal Oversight findings** – the Audit Committee should consider the implications of the significant findings arising from the individual reports of internal audit and the management actions proposed. The Committee should also consider internal audit's performance against its agreed plan.
- **External Audit findings** – the Audit Committee should consider management's progress in implementing the outstanding significant issues raised previously by the External Auditor. Any new issues arising from the interim work of the External Auditor should also be considered.
- **External Audit strategy** – the current year's External Audit strategy should be considered to ensure that it addresses the major risks as perceived by the Audit Committee.
- **Risk management** – the Committee should consider the Secretariat's risk appetite and review the "top-10" risk register in detail. The Committee should be satisfied that the Secretariat has appropriately defined its risk appetite and has appropriate procedures in place to identify, monitor and address risk.
- **Audit Committee effectiveness** – the Committee members should perform a self-assessment in advance of the meeting and review the terms of reference in light of that assessment.
- **Office of Internal Oversight work plan, including resources** – this should be reviewed to ensure that it will provide the Secretary-General, and the Executive Council, with an appropriate level of assurance given the Secretariat's risk appetite and allocated resources.

### Resolution 9 (EC-LXIII)

#### BUDGET FOR THE BIENNIUM 2012–2013

THE EXECUTIVE COUNCIL,

**Noting:**

- (1) Paragraph 6.5 of Article 6 and paragraph 7.7 of Article 7 of the Financial Regulations,
- (2) Resolution 37 (Cg-XVI) – Maximum expenditure for the sixteenth financial period (2012–2015),
- (3) Resolution 39 (Cg-XVI) – Assessment of proportional contributions of Members for the sixteenth financial period,

**Adopts** the regular budget for the biennium 2012–2013 of CHF 138 000 000 by expected results as given in Annex 1 to the present resolution;

**Decides that** that the regular budget for the biennium 2012–2013 of CHF 138 000 000 be funded from assessed contributions of Members totaling CHF 130 500 000 and other regular resources of CHF 7 500 000 as given in Annex 1 to the present resolution;

**Notes** the annual breakdown of the biennial budget as shown in Annex 2 to the present resolution and the breakdown by direct and apportioned costs as shown in Annex 3 to the present resolution;

**Also notes** that the contributions of Members will be assessed in accordance with Resolution 39 (Cg-XVI);

**Further notes** that the budget funded from voluntary resources for the biennium 2012–2013 is estimated at CHF 89 100 000, including priorities funded from voluntary resources of CHF 72 600 000 as indicated in Annex 4 to the present resolution and programmes jointly funded from voluntary resources of CHF 16 500 000.

**Annex 1 to Resolution 9 (EC-LXIII)**

**REGULAR BUDGET FOR THE BIENNIUM 2012–2013  
BY EXPECTED RESULTS AND SOURCE OF FUNDING  
(in Swiss francs)**

<b>Expected Results</b>		<b>Resources</b>
1.	Enhanced capabilities of Members to deliver and improve access to high-quality weather, climate, water and related environmental predictions, information, warnings, and services in response to users' needs, and to enable their use in decision-making by relevant societal sectors.	12 116 700
2.	Enhanced capabilities of Members to reduce risks and potential impacts of hazards caused by weather, climate, water and related environmental elements.	5 505 100
3.	Enhanced capabilities of Members to produce better weather, climate, water and related environmental information, predictions and warnings to support in particular disaster risk reduction and climate impact and adaptation strategies.	12 374 800
4.	Enhanced capabilities of Members to access, develop, implement and use integrated and interoperable Earth- and space-based observation systems for weather, climate and hydrological observations, as well as related environmental and space weather observations, based on world standards set by WMO.	18 313 500
5.	Enhanced capabilities of Members to contribute to and draw benefits from the global research capacity for weather, climate, water and the related environmental science and technology development.	11 692 800
6.	Enhanced capabilities of NMHSs, in particular in developing and least developed countries, to fulfil their mandates.	29 991 800
7.	New and strengthened partnerships and cooperation activities to improve NMHSs' performance in delivering services and to increase the value of the contributions of WMO within the United Nations system, relevant international conventions and national strategic issues.	11 199 800
8.	An effective and efficient Organization	36 805 500
<b>Total</b>		<b>138 000 000</b>
<b>Source of funding</b>		<b>Resources</b>
1.	Assessed contribution	130 500 000
2.	Other regular resources	7 500 000
<b>Total</b>		<b>138 000 000</b>

**Annex 2 to Resolution 9 (EC-LXIII)****REGULAR BUDGET FOR THE BIENNIUM 2012–2013 BY YEAR  
(in Swiss francs)**

<b>Expected Results</b>		<b>2012</b>	<b>2013</b>	<b>Total</b>
1.	Enhanced capabilities of Members to deliver and improve access to high-quality weather, climate, water and related environmental predictions, information, warnings, and services in response to users' needs, and to enable their use in decision-making by relevant societal sectors.	5 984 700	6 132 000	12 116 700
2.	Enhanced capabilities of Members to reduce risks and potential impacts of hazards caused by weather, climate, water and related environmental elements.	2 507 700	2 997 400	5 505 100
3.	Enhanced capabilities of Members to produce better weather, climate, water and related environmental information, predictions and warnings to support in particular disaster risk reduction, and climate impact and adaptation strategies.	6 313 900	6 060 900	12 374 800
4.	Enhanced capabilities of Members to access, develop, implement and use integrated and interoperable Earth- and space-based observation systems for weather, climate and hydrological observations, as well as related environmental and space weather observations, based on world standards set by WMO.	9 404 500	8 909 000	18 313 500
5.	Enhanced capabilities of Members to contribute to and draw benefits from the global research capacity for weather, climate, water and the related environmental science and technology development.	5 751 500	5 941 300	11 692 800
6.	Enhanced capabilities of NMHSs, in particular in developing and least developed countries, to fulfil their mandates.	14 969 900	15 021 900	29 991 800
7.	New and strengthened partnerships and cooperation activities to improve NMHSs' performance in delivering services and to increase the value of the contributions of WMO within the United Nations system, relevant international conventions and national strategic issues.	5 607 800	5 592 000	11 199 800
8.	An effective and efficient Organization	18 441 700	18 363 800	36 805 500
<b>Total</b>		<b>68 981 700</b>	<b>69 018 300</b>	<b>138 000 000</b>

## Annex 3 to Resolution 9 (EC-LXIII)

**REGULAR BUDGET FOR THE BIENNIUM 2012–2013  
BY DIRECT AND APPORTIONED COSTS  
(in Swiss francs)**

	<b>Expected Results</b>	<b>Direct costs</b>	<b>Apportioned costs</b>	<b>Total</b>
1.	Enhanced capabilities of Members to deliver and improve access to high-quality weather, climate, water and related environmental predictions, information, warnings, and services in response to users' needs and to enable their use in decision-making by all relevant societal sectors.	9 829 700	2 287 000	12 116 700
2.	Enhanced capabilities of Members to reduce risks and potential impacts of hazards caused by weather, climate and water and related environmental elements.	4 443 000	1 062 100	5 505 100
3.	Enhanced capabilities of Members to produce better weather, climate, water and related environmental information, predictions and warnings to support in particular disaster risk reduction, climate impact and adaptation strategies.	8 956 000	3 418 800	12 374 800
4.	Enhanced capabilities of Members to access, develop, implement and use integrated and interoperable Earth- and space-based observation systems for weather, climate and hydrological observations, as well as related environmental and space weather observations, based on world standards set by WMO.	14 455 700	3 857 800	18 313 500
5.	Enhanced capabilities of Members to contribute to and draw benefits from the global research capacity for weather, climate, water and the related environmental science and technology development.	9 374 000	2 318 800	11 692 800
6.	Enhanced capabilities of National Meteorological and Hydrological Services (NMHSs), in particular in developing and least developed countries, to fulfil their mandates.	23 097 700	6 894 100	29 991 800
7.	New and strengthened partnerships and cooperation activities to improve NMHSs' performance in delivering services and to increase the value of the contributions of WMO within the United Nations system, relevant international conventions and national strategic issues.	8 344 300	2 855 500	11 199 800
8.	An effective and efficient Organization	30 299 900	6 505 600	36 805 500
	<b>Total</b>	<b>108 800 300</b>	<b>29 199 700</b>	<b>138 000 000</b>

**Annex 4 to Resolution 9 (EC-LXIII)****PRIORITIES FUNDED FROM VOLUNTARY RESOURCES  
FOR THE BIENNIUM 2012–2013  
(in Swiss francs)**

<b>Priorities</b>		<b>Resources</b>
1.	Climate activities and Global Framework for Climate Services (GFCS)	25 000 000
2.	Aviation meteorological services	1 200 000
3.	Capacity-building for the developing and least developed countries	30 900 000
4.	Implementation of the WMO Integrated Global Observing System (WIGOS) and WMO Information System (WIS)	11 600 000
5.	Disaster risk reduction	3 900 000
<b>Total</b>		<b>72 600 000</b>

**Resolution 10 (EC-LXIII)****CONSIDERATION OF THE FINANCIAL STATEMENTS OF THE WORLD  
METEOROLOGICAL ORGANIZATION FOR THE YEAR 2010**

THE EXECUTIVE COUNCIL,

**Recalling** Resolution 21 (EC-LXII) – Consideration of the accounts of the World Meteorological Organization for the year 2009,

**Noting** Articles 14 and 15 of the Financial Regulations,

**Considering** the financial report of the Secretary-General on the accounts of the Organization for the year ended 31 December 2010 and the report of the External Auditor to the Executive Council,

**Gives formal approval** to the audited financial statements of the World Meteorological Organization for the year 2010;

**Requests** the Secretary-General to transmit the financial statements together with his report and the report of the External Auditor thereon to all Members of the World Meteorological Organization;

**Noting with concern** the substantial amounts of outstanding assessed contributions of certain Members,

**Urges** the Members to clear their dues at an early date.



**Resolution 11 (EC-LXIII)****APPOINTMENT OF THE EXTERNAL AUDITOR**

THE EXECUTIVE COUNCIL,

**Noting** Article 15 of the Financial Regulations,

**Noting also** that the second consecutive term of office of the External Auditor expires on 30 June 2012,

**Decides** to appoint the Director of the Swiss Federal Audit Office and Auditor-General of Switzerland to serve as the External Auditor of the World Meteorological Organization as from 1 July 2012 for a term of office to terminate on 30 June 2016.

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**Resolution 12 (EC-LXIII)****IMPLEMENTATION OF RISK MANAGEMENT**

THE EXECUTIVE COUNCIL,

**Noting** the implementation of Results-based Management (RBM) in the Organization based on a Strategic Plan and Results-based Budget for the sixteenth financial period,

**Considering** the continued improvements in systems of internal control at the Secretariat and the progress in the implementation of Results-based Management in the Organization,

**Recognizing** the significant role of risk management in the achievement of the Organization's objectives and implementation of the Strategic Plan,

**Decides** to approve the Risk Management Policy for the Organization as given in the annex to the present resolution;

**Requests** the Secretary-General to continue with the implementation of risk management using the most cost-effective approach;

**Requests** the Executive Council, the technical commissions and regional associations to apply the policy in considering risks that may be associated with the implementation of the WMO Strategic Plan;

**Requests** the Executive Council, with advice from the Audit Committee, to keep under review high risks of the Organization and provide guidance on mitigation action as required, in addition to reviewing the adequacy, further development and implementation of the Risk Management Policy.

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## **Annex to Resolution 12 (EC-LXIII)**

### **WMO RISK MANAGEMENT POLICY**

#### **Introduction**

The WMO Risk Management Policy builds on the Organization's Standing Instructions, codes, regulations and rules, together with relevant existing policies, in defining the processes to manage the risks facing the Organization. It is focused on the management of risks associated with the Organization's activities in order to minimize their negative impacts. Risk management is an integral part of the Organization's management processes, including internal control systems. The Secretariat will manage risks within its responsibility as defined in the WMO Convention. The technical commissions and regional associations will take into consideration any risks that may be associated with the decisions they make within their mandates.

Risk is defined as a threat or uncertainty associated with an event that may have a negative effect (impact) on the achievement of the goals of the Organization. The broad categories of risks that shall have the attention of the Organization include:

- **Strategic risks** – associated with the inability to achieve goals that are set as part of the WMO mission and mandate;
- **Operational risks** – associated with failures in internal processes;
- **Governance risks** – associated with lack of involvement of all stakeholders at all levels;
- **Financial risks** – associated with inadequacies in financial resources and their management;
- **Compliance risks** – associated with inadequacies leading to an inability to operate within WMO Standing Instructions, codes, regulations and rules, and United Nations rules.

It is recognized that risks are often interrelated and not within the control of the Organization, which complicates the processes to manage them.

#### **Objective**

WMO is committed to achieving its goals within its mission and mandate by identifying, analysing and managing the risks associated with its activities in order to minimize their negative impacts. The Organization will:

- Set a framework that takes into consideration the long-term interests of all Members and partners;
- Identify events and associated risks that may have a negative impact on the achievement of the goals and expected results;
- Identify, monitor and report on key risk indicators to help reduce exposure to risks;
- Establish and keep under review appropriate control measures to reduce exposure to risk;
- Reduce vulnerability and enhance resilience through human resource capacity-building in risk management;
- Keep under regular review the risks facing the Organization.

The successful implementation of this policy shall be demonstrated by regular reports on the progress in risk management.

## Principles

WMO risk management shall be guided by the following principles:

- **Integrated approach** – risk management shall be implemented as an integral part of the system of internal control and Results-based Management (RBM), and not as a stand-alone process;
- **Consistency** – the methods for identifying, assessing, monitoring, mitigating and communicating risks shall be consistent;
- **Ownership** – the owners of risks at all levels shall be conversant with the risks affecting their respective contribution to the achievement of the Organization's goals, and with appropriate processes to assess, monitor and mitigate them;
- **Accountability** – the owners of risks at all levels shall be accountable for their respective actions taken to manage the risks;
- **Authority** – the owners of risks shall have the authority to decide and implement appropriate actions to address risks in their respective areas of responsibility;
- **Risk awareness** – risk awareness shall be enhanced at all levels to enable staff to identify and analyse the risks associated with their actions and ways to mitigate them;
- **Communication** – the information systems shall be designed in a manner to facilitate efficient assessment, monitoring and reporting of risks.

## Implementation

The Executive Council, Management Groups of technical commissions and regional associations, and the Secretariat will regularly identify, assess, record and mitigate their respective risks. Regular review of risks will focus on strategic, operational, financial, governance and compliance risks. The review will include, but is not limited to, the following activities:

- Regular review and update of risk registers;
- Planning of actions to mitigate high risks;
- Monitoring the risk indicators to identify emerging risks and initiate appropriate actions to mitigate them.

A Secretariat Risk Management Committee has been established by the Secretary-General to develop, review and monitor the risk management framework and policy; monitor the implementation and compliance with the WMO Risk Management Policy; and make recommendations to the Secretary-General, in particular on high risks.

The Executive Council, with advice from the Audit Committee, will keep under review high risks of the Organization and provide guidance on mitigation action as required.

This policy has been approved by the Executive Council.

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### **Resolution 13 (EC-LXIII)**

#### **AMENDMENTS TO THE RULES OF PROCEDURE OF THE EXECUTIVE COUNCIL**

THE EXECUTIVE COUNCIL,

**Noting:**

- (1) Article 13 of the WMO Convention,
- (2) Regulations 4 and 17 of the General Regulations (2011 edition),
- (3) The Rules of Procedure of the Executive Council,

**Considering** that Rule 16 (b) of the Rules of Procedure of the Executive Council on the “Designation of acting members” provides that the list of candidates fulfilling the conditions of Article 13 (c) of the Convention shall be confined to those eligible candidates coming from the same Region as the outgoing member,

**Further considering** that Rule 16 (e) of the Rules of Procedure of the Executive Council on the “Designation of acting members” provides in its first sentence that if the list includes several names, a secret ballot by correspondence shall be organized,

**Decides** to amend:

- (1) Rule 16 (b) to read the following:

“(b) In this case, the list of candidates fulfilling the conditions of Article 13 (c) of the Convention and Regulation 17 of the General Regulations shall be confined to those eligible candidates coming from the same Region as the outgoing member proposed by the president of the regional association concerned after consultation with the Members of the same Region within 30 days of the announcement of the vacancy;”;

- (2) Rule 16 (e) to have its first sentence to read the following:

“(e) If the list includes several names, a secret ballot by correspondence among the EC members shall be organized.”

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### **Resolution 14 (EC-LXIII)**

#### **REVIEW OF PREVIOUS RESOLUTIONS OF THE EXECUTIVE COUNCIL**

THE EXECUTIVE COUNCIL,

**Noting:**

- (1) Resolution 25 (EC-LXII) – Review of previous resolutions of the Executive Council,
- (2) Regulation 156 (9) of the General Regulations (2011 edition), concerning the review of Executive Council resolutions,
- (3) Rule 27 of the Rules of Procedure of the Executive Council on the same subject,

**Having examined** its previous resolutions still in force,

**Decides:**

(1) To keep in force the following resolutions:

EC-IV	2
EC-XII	6
EC-XXI	15
EC-XXV	12
EC-XXXIV	13
EC-XXXV	21
EC-XXXVI	6
EC-XXXVII	13
EC-XXXIX	24
EC-XL	4
EC-XLII	19**
EC-XLIV	15
EC-XLV	13, 16
EC-XLVIII	3, 4, 12
EC-LI	5
EC-LV I	9, 13, 18, 19
EC-LVII	5, 17, 18
EC-LVIII	15
EC-LIX	6, 11, 12, 16, 17, 18, 19, 25, 26, 27
EC-LX	1, 2, 4, 6, 10, 13, 14, 17, 18
EC-LXI	1, 2, 4, 5, 6, 7, 8, 11, 12, 13, 14, 15
EC-LXII	1, 2, 3, 4*, 5, 6, 7, 9, 10, 12, 13*, 15, 16*, 17, 18*, 19*, 20*, 22

(2) Not to keep in force the other resolutions adopted before its sixty-third session;

**Requests** the Secretary-General to publish the in-force resolutions, including those with corrigenda, in a new issue of *Resolutions of Congress and the Executive Council* (WMO-No. 508), and to bring this publication to the attention of all concerned parties.

**Note:** This resolution replaces Resolution 25 (EC-LXII), which is no longer in force.

\* Indicates that some resolution(s) mentioned in the given resolution are now not in force (see the annex to the present resolution).

\*\* Indicates a resolution amended by EC-LXIII.

**Annex to Resolution 14 (EC-LXIII)**

**FOOTNOTES TO FOLLOWING RESOLUTIONS**

**1. Resolution 11 (EC-LXI) – Budget for 2010–2011**

*Resolutions 35 (Cg-XV) and 40 (Cg-XV) no longer in force as of 1 January 2012.*

**2. Resolution 13 (EC-LXII) – Global Climate Observing System**

*Resolution 11 (Cg-XV) not in force.*

**3. Resolution 16 (EC-LXII) – Publication of Volume IV of the *Technical Regulations* (WMO-No. 49) Quality Management**

*Resolution 32 (Cg-XV) not in force.*

**4. Resolution 19 (EC-LXII) – Terms of reference of the Executive Council Panel of Experts on Education and Training**

*Resolution 23 (Cg-XV) not in force.*

**5. Resolution 20 (EC-LXII) – Mandatory publications and publication distribution policy for the sixteenth financial period**

*Resolutions 10 (EC-LXI), 26 (Cg-XV) not in force.*

**6. Resolution 22 (EC-LXII) – Assessment of proportional contributions fo Members for the year 2011**

*Resolution 40 (Cg-XV) no longer in force as of 1 January 2012.*

**7. Resolution 19 (EC-XLII) – Rules governing payment of travel expenses and subsistence allowances in respect of non-staff members of WMO**

*Amend the note to read as follows:*

Note: Amended by the Executive Council in Resolution 25 (EC-LXII) adopted at its sixty-second session in June 2010 and in Resolution 14 (EC-LXIII) adopted at its sixty-third session in June 2011.

*Add the following to the annex:*

**10. Members of the Executive Council (when travelling to attend sessions of the Executive Council) except the President**

- (d) Least developed countries

Notwithstanding the above paragraphs (a), (b) and (c), both travel expenses and subsistence allowance will be paid upon request to EC members from least developed countries (LDCs)<sup>1</sup> if they are in need of such support to enable their full participation in sessions of the Executive Council.

<sup>1</sup> The list of LDCs is established by the United Nations.

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## ANNEXES

### ANNEX I

Annex to [paragraph 2.15](#) of the general summary

**Proposed VCP allocations for 2011 (in Swiss francs)**

VCP Trust Fund 2011		Proposed Allocation 2011
	<b>Balance at 01/01/11</b>	938 080
	<b>Anticipated Contributions 2011</b>	250 000
	<b>Anticipated Available 2011</b>	<b>1 188 080</b>
<b>Priority Areas</b>		
<b>1</b>	<b>VCP Spares/shipping</b>	30 000
<b>2</b>	<b>Expert services</b>	50 000
<b>3</b>	<b>(Short-term) fellowships and training activities</b>	130 000
<b>4</b>	<b>Project Development Activities for Regional Development Projects</b>	30 000
<b>5</b>	<b>Improvement of GTS</b>	100 000
<b>6</b>	<b>Improvement of observing sub-system</b>	100 000
<b>7</b>	<b>Improvement of GDPFS</b>	30 000
<b>8</b>	<b>Agricultural meteorology activities</b>	30 000
<b>9</b>	<b>Support to CDMS and climatological activities</b>	50 000
<b>10</b>	<b>Mitigation of natural disasters</b>	50 000
<b>11</b>	<b>Emergency Assistance</b>	50 000
<b>12</b>	<b>Operational hydrology activities</b>	30 000
<b>13</b>	<b>Improvement of satellite reception</b>	30 000
<b>14</b>	<b>Internet capabilities</b>	20 000
<b>15</b>	<b>Least Developed Countries</b>	50 000
<b>16</b>	<b>Sub Total</b>	<b>780 000</b>
<b>17</b>	<b>Reserve</b>	<b>408 080</b>

**ANNEX II****Annex to paragraph 3.12 of the general summary****MEMBERSHIP OF THE SUBSIDIARY BODIES OF THE EXECUTIVE COUNCIL****Executive Council Panel of Experts on Polar Observations, Research and Services**

<b>D. Grimes (Co-chair)</b>	<b>Canada</b>
<b>G.P. Ayers (Co-chair)</b>	<b>Australia</b>
J. Abraham	Canada
S. Bove	Italy
E. Brun	France
J. Carrasco	Chile
Y. Csonka	Switzerland
J. Damski	Finland
A. Devaris (Ms)	United States of America
M. Drinkwater	Netherlands
K. Erb	United States of America
A. Frolov	Russian Federation
T. Goos	Canada
R. Hartig	Germany
O. Hov	Norway
J.M. Hörler	Argentina
H.-W. Hubberten	Germany
Anette Jönsson	Sweden
J. Key	United States of America
A. Klepikov	Russian Federation
P. Lemke	Germany
M.-L. Ou	Republic of Korea
S. Pendlebury	Australia
J. Renwick	New Zealand
J.D. Shanklin	United Kingdom of Great Britain and Northern Ireland
R. Skalin	Norway
A. Snorrason	Iceland
J. Stander	South Africa
P. Taalas	Finland
Xiao Cunde	China
2 members	India

*(Observers may be invited by the co-chairs.)*

**Executive Council Advisory Panel of Experts on Gender Mainstreaming**

<b>L. Makuleni (Ms) (Chair)</b>	<b>South Africa</b>
M. Araneda	Chile
S.M.O Aura (Ms)	Kenya
A. Diougue (Ms)	Senegal
M. Jabbari (Ms)	Islamic Republic of Iran
D. Johnston (Ms)	Canada
S. Moxey-Bonamy (Ms)	Bahamas
V. Nadolski (Ms)	United States of America
S. Pasquini	Italy
M. Petrova (Ms)	Russian Federation
K. Lisette Quevedo	Peru
J. Ukeze (Ms)	Nigeria



### **Executive Council Panel of Experts on Education and Training**

<b>D. Grimes (Chair)</b>	<b>Canada</b>
E. Aguilar	Spain
C. Campetella (Ms)	Argentina
V. Castro (Ms)	Costa Rica
K. Johnson	Canada
W. Joordan	South Africa
F. Lalaurette	France
L. Legutko	Poland
I. Lisk	United Kingdom of Great Britain and Northern Ireland
B. Mukhopadhyay	India
A. Moerwanto	Indonesia
C.-K. Park	Republic of Korea
B. Sarr	Niger
T. Spangler	United States of America
M. Wang	China
C. Webster	New Zealand
J. Wellens-Mensah	Ghana

### **Executive Council Working Group on WMO Strategic and Operational Planning**

<b>D. Grimes (Chair)</b>
A. Anuforum
I. Cacic
C. De Simone
J. Hayes
M. Hatori
J. Hirst
F. Jacq
L. Makuleni
J. Mukabana
C. Naranjo Jacome
M. Ostojski
P. Taalas
A. Tyagi
K.S. Yap
G. Zheng

*(Presidents of technical commissions and regional associations, as well as other experts, could be invited by the chair, as appropriate)*

### **Executive Council Working Group on Climate and Related Weather, Water and Environmental Matters**

<b>A. Mokssit (Co-chair)</b>
<b>M. Ostojski (Co-chair)</b>
M.A. Abdel Gadir
G. Adrian
A. Anuforum
V. Chub
J.-C. Fallas Sojo
S.M.S. Mohalfi
C. Naranjo Jacome
J. Nkomoki

A. Rolle  
K.S. Yap

President of CAgM  
President of CCI  
President of CHy  
President of CAS  
President of CBS  
Co-president of JCOMM  
Chair of Joint Scientific Committee of WCRP  
Chair of GCOS Steering Committee  
Chair of IPCC  
Representative of GEO Secretariat

*(Presidents of other technical commissions, representatives of United Nations agencies or programmes, including a UNEP PRO-VIA representative, and other experts may be invited by the co-chairs, as required.)*

### **Executive Council Working Group on Capacity Development**

**A.D. Moura (Co-Chair)**  
**T. Sutherland (Co-chair)**

M.A. Abdel Gadir  
M.L. Bah  
I. Cacic  
H. Ciappesoni  
V. Chub  
R. García Herrera  
S. Harijono  
C. Loumouamou  
S.M.S. Mohalfi  
A. Rolle  
P. Taalas

*(Presidents of relevant technical commissions to be invited by the chair, as appropriate)*

### **Executive Council Working Group on Service Delivery**

**A. Mokssit (Chair)**

G. Adrian  
G. Ayers  
S.J. Cho  
H. Ciappesoni  
C. De Simone  
J.-C. Fallas Sojo  
J. Hayes  
F. Jacq  
M. Ndiaye  
J. Nkomoki  
A. Waqaicelua  
G. Zheng

*(Presidents of relevant technical commissions may be invited by the chair, as appropriate)*

## **Executive Council Task Team on the Global Framework for Climate Services**

### **D. Grimes (Chair)**

G. Adrian  
 M. Araneda  
 M.L. Bah  
 S.J. Cho  
 C. De Simone  
 R. García Herrera  
 S.W. Harijono  
 M. Hatori  
 J. Hayes  
 F. Jacq  
 A. Mokssit  
 A.D. Moura  
 J. Mukabana  
 M. Ndiaye  
 A. Rolle  
 A. Tyagi  
 A. Waqaicelua

*(Presidents of relevant technical commissions, chair of the Joint Scientific Committee of WCRP, chair of the GCOS Steering Committee, and other experts may be invited by the chair, as required.)*

### **Audit Committee**

#### **J. Hirst (Chair)**

L. Makuleni (Ms)  
 M.L. Bah  
 J. Hayes  
 3 financial experts

Alternate member:  
 M. Ostojski

### **WMO Staff Pension Committee**

L. Makuleni (Ms)  
 M. Ostojski  
 T. Sutherland

Alternate member  
 B. Richard (Switzerland)

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· Pending the completion of the appointment of new members, according to the procedure established by EC-LXIII.

**Selection Committee for the IMO Prize**

**A.D. Moura (Chair)**

M.L. Bah  
R. García Herrera  
A. Rolle

**Selection Committee for the WMO Research Award for Young Scientists**

**R. García Herrera (Chair)**

S.J. Cho  
J.-C. Fallas Sojo  
M. Ndiaye

**Selection Committee for the Professor Dr Vilho Väisälä Award**

**A. Tyagi (Chair)**

C. Loumouamou  
President of CIMO

**Selection Committee for the Norbert Gerbier-MUMM International Award**

**F. Jacq (Chair)**

A. Anuforom  
K.S. Yap  
President of CAgM

**Focal Point on Quality Management**

M. Ostojski

**Focal Points on WIGOS**

I. Cačić  
A.D. Moura  
T. Sutherland

**Focal Point on Research**

R. García Herrera

**Focal Point on Climate, Food and Water**

To be defined by the Working Group on Climate and Related Weather, Water and Environmental Matters

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**ANNEX III**  
Annex to [paragraph 5.5.1](#) of the general summary

**STAFF APPOINTMENTS, PROMOTIONS, NOMINATIONS AND TRANSFERS  
SINCE THE SIXTY-SECOND SESSION OF THE EXECUTIVE COUNCIL**

**Appointments made through competition after issuance of vacancy notices**

<i>Name and Nationality</i>	<i>WMO Region</i>	<i>Title, grade and organizational unit</i>	<i>Effective date</i>
TERBLANCHE, Mr D.E. (South Africa)	RA I	Director (D.1), Atmospheric Research and Environment Branch, Research Department	30 April 2011
NAKAZAWA, Mr T. (Japan)	RA II	Chief (P.5), World Weather Research Division, Atmospheric Research and Environment Branch, Research Department	1 November 2010
RUSINGA, Mr D. (Zimbabwe)	RA I	Chief (P.5), Procurement and Travel Services Division, Resource Management Department	16 November 2010
STEWART, Mr B. (Australia)	RA V	Chief (P.5), Basic Systems in Hydrology Division, Climate Prediction and Adaptation Branch, Climate and Water Department	15 January 2011
CAMACHO RUIZ, Mr J.L. (Spain)	RA VI	Scientific Officer (P.4), Agricultural Meteorology Division, Climate Prediction and Adaptation Branch, Climate and Water Department	1 March 2011
LEE, Ms B. (Republic of Korea)	RA II	Scientific Officer (P.4), Marine Meteorology and Ocean Affairs Division, Meteorological Applications Branch, Weather and Disaster Risk Reduction Services Department	16 April 2011
LOCKETT, Mr D. (Australia)	RA V	Chief (P.4), Scientific Officer (Aircraft and Remote-Sensing Observations), WMO Observing Systems Division, WMO Integrated Observing System Branch, Observing and Information Systems Department	4 June 2011

**Appointments made without vacancy notices (according to reasons given)**

<i>Name and Nationality</i>	<i>WMO Region</i>	<i>Title, grade and organizational unit</i>	<i>Effective date</i>
CHANG, Mr D.E. (Republic of Korea)	RA II	Seconded Expert (P.4), Regional Office for Asia and the South-West Pacific, Development and Regional Activities Department [Donor country's nominee]	5 March 2011
HETTICH, Mr N. (Germany)	RA VI	Junior Professional Officer (P.2), Space Programme Office, WMO Integrated Global Observing System Branch, Observing and Information Systems Department [Donor country's nominee]	17 October 2010

<i>Name and Nationality</i>	<i>WMO Region</i>	<i>Title, grade and organizational unit</i>	<i>Effective date</i>
SUWA, Mr M. (Japan)	RA II	Junior Professional Officer (P.2), Development and Regional Activities Department [Donor country's nominee]	1 November 2010
EICHLER, Ms K. (Germany)	RA VI	Junior Professional Officer (P.2), WIS Data Management Applications Division, WMO Information System Branch, Observing and Information Systems Department [Donor country's nominee]	1 March 2011

### Extensions of appointment beyond the statutory age of retirement

<i>Name and Nationality</i>	<i>WMO Region</i>	<i>Title, grade and organizational unit</i>	<i>Duration</i>
BATJARGAL, Mr Z. (Mongolia)	RA II	WMO Representative and Coordinator (P.5) to the United Nations and other international organizations in North America, New York Liaison Office, Cabinet and External Relations Department	a further 2 months to 31 December 2010
REQUENA, Mr F. (Argentina)	RA III	Executive Assistant to the Secretary-General (P.5), Office of the Secretary-General	a further 12 months to 30 September 2011
ILINE, Mr A. (Russian Federation)	RA VI	Chief (P.5), Procurement and Travel Services Division, Resource Management Department	a further 2 months to 31 October 2010
BARONDEAU, Mr B. (France)	RA VI	Translator/Reviser (P.4), Language, Conference and Publishing Services Department	12 months to 31 May 2012

### Transfers, Nominations and Promotions

<i>Name and Nationality</i>	<i>WMO Region</i>	<i>Title, grade and organizational unit</i>	<i>Effective date</i>
MANAENKOVA, Ms E. (Russian Federation)	RA VI	Assistant Secretary-General (UG)	18 June 2010
DRAŽENOVIĆ- CARRIERI, Mrs M. (Croatia)	RA VI	Director, Language, Conference and Publishing Services Department (D.2) – appointed at D.1 level	13 October 2010
LEE CHOON, Mr A.K. (Mauritius)	RA I	Chief, Common Services Division (P.5), Resource Management Department [transfer from the Special Project Office]	5 January 2011
BALDWIN, Mr S. (United Kingdom)	RA VI	Treasurer (P.4), Finance Division, Resource Management Department	1 February 2011

<i>Name and Nationality</i>	<i>WMO Region</i>	<i>Title, grade and organizational unit</i>	<i>Effective date</i>
		(reclassification from P.3)	
GEDDES, Ms P. (United Kingdom)	RA VI	Head (P.4), Entitlements and Contracts Management Unit, Human Resources Division, Resource Management Department (reclassification from P.3)	1 February 2011
MUCHEMI, Mr S. (Kenya)	RA I	Scientific Officer (P.4), Public Weather Services Division, Disaster Risk Reduction and Service Delivery Branch, Weather and Disaster Risk Reduction Services Department (reclassification from P.3)	1 February 2011
RICHARD VAN MAELE, Ms C. (Belgium)	RA VI	Director (D.1), Communication and Public Affairs Office (reclassification from P.5)	1 February 2011
BLONDIN, Mr C. (France)	RA VI	Director (D.2), Cabinet and External Relations Department – appointed at D.1 level	2 February 2011
THOMAS, Mr D. (Australia)	RA V	Chief, Information and Telecommunication System Division (P.5), WMO Information System Branch, Observing and Information Systems Department	1 May 2011

#### ANNEX IV

##### Annex to [paragraph 5.6.18](#) of the general summary

#### RECOMMENDATIONS OF THE THIRTIETH MEETING OF THE FINANCIAL ADVISORY COMMITTEE TO THE SIXTY-THIRD SESSION OF THE EXECUTIVE COUNCIL

##### Financial statements for 2010, including report of the External Auditor (*agenda item 4.2.1*)

##### Recommendation 1:

That the Executive Council adopt:

- (a) The text (paragraphs 5.6.1 to 5.6.11) for inclusion in the general summary of the present report;
- (b) Resolution 10 (EC-LXIII) – Consideration of the financial statements of the World Meteorological Organization for the year 2010.

##### Appointment of the External Auditor (*agenda item 4.2.2*)

##### Recommendation 2:

That the Executive Council:

- (a) Adopt Resolution 11 (EC-LXIII) – Appointment of the External Auditor and appoint the National Auditor-General of Switzerland to serve as the External Auditor of WMO as of 1 July 2012 for a term of office to terminate on 30 June 2016;
  - (b) Develop and implement a formal process for the selection and appointment of the External Auditor, which would include appropriate selection criteria and incorporate best practice principles where appropriate, in consultation with the Audit Committee and within a defined time line.
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***Alternates and advisers to Mrs Sri Woro Budiati HARIJONO***

Edvin Aldrian	Alternate
Ardhasena Sopaheluwakan	Adviser

***Alternates and advisers to Ivan ČAČIĆ***

Cleo Kosanović	Adviser
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***Alternates and advisers to Gerhard ADRIAN***

Detlev Frömming	Alternate
Björn Oriwohl	Adviser

***Alternates and advisers to Anthony ANUFOROM***

Ernest Afiesimama	Adviser
Iyal Aliyu	Adviser
Ifeanyi Nnodu	Adviser
Juliana Ukeje (Ms)	Adviser

***Alternates and advisers to Gregory Peter AYERS***

Jon Gill	Alternate
David Walland	Alternate
Alan Vallance	Adviser

***Alternates and advisers to Seok-Joon CHO***

Seonghoon Cheong	Adviser
Yong-Seong Kang	Adviser
Woo-Jin Lee	Adviser
Won-Tae Yun	Adviser

***Alternates and advisers to Héctor Horacio CIAPPESONI***

Juan Manuel Hörler	Alternate
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***Alternates and advisers to Costante DE SIMONE***

Leone Michaud	Alternate
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***Alternates and advisers to Alexander FROLOV***

Alexander Nurullaev	Alternate
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***Alternates and advisers to Mitsuhiko HATORI***

Naoyuki Hasegawa	Alternate
Yoshiaki Kanno	Adviser
Noritake Nishide	Adviser
Akihiko Shimpo	Adviser
Seiichi Tajima	Adviser

***Alternates and advisers to John L. HAYES***

Courtney Draggon (Ms)	Alternate
Ko Barrett (Ms)	Adviser
Caroline Corvington (Ms)	Adviser
Robyn Disselkoen (Ms)	Adviser
William Linzey	Adviser
Terrance Onsager	Adviser

***Alternates and advisers to John HIRST***

Simon Gilbert	Alternate
Ian Lisk	Alternate
Catherine Moore (Ms)	Adviser

***Alternates and advisers to François JACQ***

Marc Gillet	Alternate
Patrick Bénichou	Adviser
Sébastien Chatelus	Adviser

***Alternates and advisers to Saad Mohamad S. MAHALFI***

Mohammed Babidhan	Alternate
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***Alternates and advisers to Ms Linda MAKULENI***

Mark Majodina	Alternate
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***Alternates and advisers to Joseph Romanus MUKABANA***

James Kongoti	Adviser
Nicholas W. Maingi	Adviser

***Alternates and advisers to Petteri TAALAS***

Maria Hurtola (Mrs)	Alternate
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***Alternates and advisers to ZHENG Guoguang***

Yu Jixin	Alternate
Shen Xiaonong	Adviser

**4. Presidents of technical commissions**

Byong-Lyol Lee	President of CAgM
Fred Branski	President of CBS
Tom Peterson	President of CCI
Julius Wellens-Mensah	President of CHy

**5. Representatives of Members of WMO*****Mexico***

Victoria Romero (Ms)	Representative
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***Rwanda***

John Seamfera Ntaganda	Permanent Representative
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***Switzerland***

Boris Richard	Representative
Alex Rubli	Representative

**6. Invited experts**

Christina Adam (Ms)	
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**7. External auditors**

Helen Feetenby (Ms)	External Auditor
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