



---

## **REPORTS OF THE CHAIRS OF THE TECHNICAL COORDINATION COMMITTEE AND THE POLICY ADVISORY COMMITTEE, INCLUDING THEIR JOINT SESSION**

### **Introduction**

1. This document includes the reports of the Chair of the Technical Coordination Committee (TCC) and the Chair of the Policy Advisory Committee (PAC), with accounts of deliberations and recommendations.
2. Since the seventy-fifth session of the Executive Council (Geneva, 20–26 June 2022), TCC held its third session for 2022 (Geneva, 12 December 2022) and PAC its second session (Geneva, 15 December 2022). TCC and PAC also held a joint session on matters of common interest (Geneva, 13–15 December 2022).

### **Technical Coordination Committee**

#### ***Account of deliberations***

Technical regulatory framework and related guidance materials

3. TCC discussed suggestions by the presidents of technical commissions concerning recommendations adopted by the commissions at their second sessions<sup>1</sup> for submission to the Executive Council at its seventy-sixth session (EC-76). In this regard, TCC agreed that documents concerning the following draft resolutions or recommendations should be recommended to EC-76 for adoption after debate because of their implications for Members and/or their strategic nature:

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

- (1) Draft Recommendation 3.1(3)/1 (EC-76) – Review of BIP-M and BIP-MT (Part VI and Appendix A of Vol. I) of the *Technical Regulations* (WMO-No. 49)
- (2) Draft Resolution 3.1(11)/1 (EC-76) – Implementation Plan for the Methodology for Cataloguing Hazardous Events (WMO-CHE) with Annexes
- (3) Draft Resolution 3.1(12)/1 (EC-76) – Global Multi-Hazard Alert System Framework
- (4) Draft Resolution 3.1(13)/1 (EC-76) – WMO Coordination Mechanism Implementation Plan
- (5) Draft Resolution 3.1(14)/1 (EC-76) – Multi-Hazard Early Warning Services Interoperable Environment

---

<sup>1</sup> Second session of the Commission for Weather, Climate, Water and Related Environmental Services and Applications (SERCOM-2) (Geneva, 17–21 October 2022); second session of the Commission for Observation, Infrastructure and Information Systems (INFCOM-2) (Geneva, 24–28 October 2022).

- (6) Draft Recommendation 3.1(17)/1 (EC-76) – Cost option investigation
- (7) Draft Resolution 7.1(2)/1 (EC-76) – Procedures for amending the *Technical Regulations* (WMO-No. 49), their annexes, Guides and other corresponding non-regulatory publications
- (8) Draft Resolution 7.1(3)/1 (EC-76)– Recommended amendments to the *Rules of Procedure for Technical Commissions* (WMO-No. 1240)

Long-Term Goal 2 – Enhance Earth system observations and predictions: Strengthening the technical foundation for the future:

- (1) Draft Resolution 3.2(3)/1 (EC-76) – Initial version of the Guide to the Global Basic Observing Network
- (2) Draft Recommendation 3.2(16)/1 (EC-76) – WMO Position on the World Radiocommunication Conference 2023 (WRC-23) Agenda
- (3) Draft Resolution 3.2(23)/1 (EC-76) – Report of the Joint Study Group on the Global Climate Observing System (GCOS)
- (4) Draft Recommendation 4(3)/1 (EC-76) – Greenhouse gas monitoring infrastructure

4. TCC further agreed on a list of documents, provided in [Annex 1](#), containing draft resolutions, decisions and recommendations that can be recommended to EC-76 for adoption by consensus and without debate, given their highly technical nature and the substantive intergovernmental discussions that took place at the sessions of technical commissions.

5. TCC adopted Recommendation 1 TCC-1(2022).

#### Prescriptive instruments

6. TCC reviewed [Draft Recommendation 9\(2\)/1 \(EC-76\)](#) – Declaring the resolutions and recommendations of the past commission structure no longer in force, submitted by the Commission for Weather, Climate, Water and Related Environmental Services and Applications (SERCOM) with the agreement of INFCOM,<sup>2</sup> and agreed that it is in line with the guidance provided by the *Rules of Procedure for the Executive Council* (WMO-No. 1256) and [Resolution 8 \(EC-75\)](#) concerning the review and consolidation of past resolutions, decisions and recommendations.

7. TCC was informed about the ongoing work of the Secretariat on the consolidation of resolutions and decisions in force concerning: (1) floods;<sup>3</sup> (2) Long-Term Observing Stations;<sup>4</sup> (3) Global Data-processing and Forecasting System; and (4) Reconfirmation of WMO Regional Training Centres (RTCs).<sup>5</sup> TCC took note of the progress and agreed with the approach undertaken to consolidate resolutions dealing with the same subject in one single resolution that would be updated as needed.

8. TCC noted the importance of properly documenting how the relevant decisions and directives of past resolutions, decisions and recommendations are incorporated into new

---

<sup>2</sup> [Recommendation 27 \(SERCOM-2\)](#) – Review of resolutions and recommendations of the previous commission structure; [Decision 18 \(INFCOM-2\)](#) – Review of resolutions and recommendations of the previous commission structure.

<sup>3</sup> Draft Resolution ## (Cg-19) – Flood forecasting activities in WMO.

<sup>4</sup> [Draft Recommendation 16 \(SERCOM-2\)](#) – Update of the mechanism for recognition of long-term observing stations.

<sup>5</sup> Draft Resolution 3.4(3)/1 (EC-76) – Reconfirmation of WMO Regional Training Centres (RTCs).

instruments, so as to provide assurance to the Executive Council about their decisions on the past instruments to be declared no longer in force.

9. TCC adopted Recommendation 2 TCC-1(2022).

Public-private engagement

10. TCC took note of EC-76/Doc. 3.4(4) – Public-Private engagement: Regional Open Consultative Platform, proposed by the Secretary-General to mainstream Regional Open Consultative Platforms as part of the programme of sessions of the Regional Association or Regional Conferences. TCC was the opinion that such proposal should be discussed by PAC before being submitted to the Executive Council.

### **Recommendations**

- **Recommendation 1 TCC-1(2022)** [paragraph 5]: TCC recommends to EC-76 to adopt Draft Decision 3/1 (EC-76) – Adoption of resolutions without debate based on the recommendations by the Technical Coordination Committee, as provided in [Annex 1](#) to the present report
- **Recommendation 2 TCC-1(2022)** [paragraph 9]: TCC recommends to EC-76 to endorse the ongoing process of consolidation of past resolutions, decisions and recommendations on the same subjects with adequate analytical information concerning the decisions and directives incorporated in new instruments

### **Joint Technical Coordination Committee and Policy Advisory Committee**

#### **Account of deliberations**

Strategic matters

*Draft Strategic Plan 2024–2027*

11. TCC-PAC reviewed draft document EC-76/Doc. 4(1) – Strategic Plan 2024–2027, with a recommendation of the Executive Council to Congress, prepared by the Secretariat with the contribution of the technical bodies of the Organization. TCC-PAC expressed appreciation for the development of the draft full Plan, including the update of the key drivers, and recalled EC decision to maintain the vision, mission, core values, long-terms goals and strategic objectives, as well as EC-74 endorsement of addition of strategic objectives 1.5 and 5.4, and made the following comments:

- (a) Due to the disruptions brought about by COVID-19, there have been certain difficulties in following the planning cycle starting with inputs from Members and then from regional associations; this sequential logic should be followed in the future;
- (b) The priorities of regional associations should be further specified and refined through the future regional consultations and incorporated in the Plan;
- (c) As a high-level document, the Strategic Plan should limit details on technical implementation, which should be contained only in the Operating Plan;
- (d) References to new initiatives not yet approved by the Executive Council or Congress, such as the WMO-coordinated Global Greenhouse Gas Monitoring Infrastructure should be subject to the final decision of Congress;

- (e) Recommendations from the Scientific Advisory Panel should not be included until properly evaluated and implementation concepts developed and approved by the Executive Council or Congress;
- (f) The implementation challenges experienced by Members suffering from various crises should be addressed through capacity-building under the framework of the WMO Capacity Development Strategy.

12. TCC-PAC adopted Recommendation 1 TCC-PAC(2022) (see page 8).

*Draft Operating Plan 2024–2027*

13. TCC-PAC reviewed the draft Operating Plan 2024–2027 prepared by the Secretariat taking into account different maximum expenditure scenarios and expressed appreciation for the improvement of the approach and progress. TCC-PAC took note of the draft Operating Plan 2024–2027 and made the following comments:

- (a) Given the high number of focus areas (54) and activities, a prioritization would be needed, identifying core activities that must be funded regardless of the maximum expenditure level; in this regard, the link between core activities and new or special initiatives should be further clarified;
- (b) The definition of key performance indicators (KPIs) is an important element of the draft Operating Plan and there should be further alignment of the KPIs with the long-term goals and strategic objectives, with specification of resources and targets;
- (c) Effort should be made at limiting the number of KPIs, aggregating into composite indicators, conveying a story on the higher-level results, and using WMO systems as a primary source of information, to the extent possible;
- (d) Members should be able to verify and confirm the relevance, clarity and measurability of the KPIs and to provide feedback if they have difficulty in reporting to surveys;
- (e) The distribution of focus areas and activities among long-term goals should take into account that some of the strategic objectives under Long-Term Goal 1 (water, climate, cryosphere) have cross-cutting elements and are dependent on implementation across Long-Term Goals 1–4;
- (f) The Organization's carbon Net Zero objective should be operationalized through a plan and mechanism within the strategic objective 5.4.

Methods and procedures

14. TCC-PAC reviewed the recommendations of the Task Force on Reform Evaluation (TF-RE) concerning the Final Report of the External Evaluation of the Governance Reform. TCC-PAC noted that the original 36 recommendations of the External Evaluator were consolidated into 26 by TF-RF and made comments to a selected number of them.

*Leadership positions in technical commissions (Recommendation 3 TF-RE)*

15. TCC-PAC considered Recommendation 3 TF-RE regarding the leadership positions of technical commissions (president and co-vice-presidents of the commissions, chairs and vice-chairs of standing committees and study groups). TCC-PAC agreed that while elective positions should be subject to a competitive process, guidance should be provided to facilitate a more balanced distribution of positions among Regions.

16. In this regard, TCC-PAC noted [Recommendation 25 \(SERCOM-2\)](#), supported by [Decision 15 \(INFCOM-2\)](#) (see also paragraphs 48–49), to the Executive Council to request PAC, in consultation with the presidents of the commissions, to propose to EC-77 further amendments to the *Rules of Procedure for Technical Commissions* to promote and facilitate an adequate representation of developing countries in the leadership positions of the commissions.

*Panels reporting to the Executive Council (Recommendation 4 TF-RE)*

17. TCC-PAC considered Recommendation 4 TF-RE regarding the Hydrological Coordination Panel (HCP), the Climate Coordination Panel (CCP), the Joint WMO-Intergovernmental Oceanographic Commission (IOC) Collaborative Board (JCB), the Executive Council Panel on Polar and High-mountain Observations, Research and Services (PHORS) and the Capacity Development Panel (CDP).

18. TCC-PAC concurred with TF-RE that, with the possible exception of the CCP, all the panels should be maintained to support the Executive Council and made the following additional observations:

- (a) HCP should continue its role as a coordination body serving as valuable interface between technical commissions, the Research Board and regional associations focusing on the cross-cutting hydrology and water resources issues at the strategic level, while operational hydrology should be the responsibility of technical commissions; in this regard, HCP should revise their terms of reference at the next meeting (January 2023) and proposed it to EC-76;
- (b) CCP, following its next meeting (January 2023), should propose to EC-76 optimal arrangements for the Partner Advisory Committee of the Global Framework for Climate Services (PAC-GFCS) and for maintaining cross-cutting links in the GFCS/climate areas for the next financial period; the Climate Policy Advisers group should be maintained as a subsidiary body of the PAC;
- (c) Pending agreement with the Intergovernmental Oceanographic Commission of UNESCO (IOC), JCB should continue to act as the coordination mechanism between WMO and IOC, focusing on the implementation of the WMO-IOC Collaborative Strategy at the regional level, with particular attention to capacity-building for sustained ocean observations and early warning systems for coastal hazards of both geophysical and meteorological nature;
- (d) EC-PHORS should continue focusing on challenges in the cryosphere (polar and high-mountain regions), taking stock of their status and needs; particular emphasis should be placed on the coordination of activities related to Antarctica;
- (e) CDP should continue its work and reinforce its role, with modified terms of reference, not only to identify needs and capacity gaps but also to facilitate the development of capacity on the ground; the maintenance of Basic Instruction Package for Meteorologists (BIP-M) and Basic Instruction Package for Meteorological Technicians (BIP-MT) contained in the [Technical Regulations](#) (WMO-No. 49, Vol. I, Part VI) should be transferred to the Services Commission.

19. TCC-PAC adopted Recommendation 2 TCC-PAC(2022).

*Research Board and Scientific Advisory Panel (Recommendation 5 TF-RE)*

20. TCC-PAC considered the finding and recommendation of the external evaluation that the Research Board (RB) and the Scientific Advisory Panel (SAP) have distinct mandates, but the

coordination of WMO science and research activities may benefit from a merger of the two bodies.

21. TCC-PAC further considered Recommendation 5 TF-RE to maintain RB and SAP as distinct bodies and took note of the draft revised terms of reference for RB developed by itself and submitted for EC consideration.

22. TCC-PAC agreed with the TF-RE that RB and SAP provide distinct services to the Organization: while RB, successor of the Commission for Atmospheric Sciences (CAS), serves as the primary conduit between WMO and the international research community, focuses on applied research to foster operations and services and oversees implementation and coordination of research programmes, SAP offer foresight and independent visionary advice on science perspectives guided by the priorities identified by the Executive Council, contributes to the development of a long-term strategy and provides external scientific advice to WMO. Therefore, TCC-PAC agreed with Recommendation 5 TF-RE.

*Policy Advisory Committee and Technical Coordination Committee (Recommendations 6–7 TF-RE)*

23. TCC-PAC considered the findings of the external evaluation and Recommendation 6 TF-RE with annexed draft revised terms of reference for PAC and TCC. TCC-PAC concurred with the following:

PAC:

- (a) The proposed revised terms of reference for PAC are adequate and could be enhanced by clarifying that PAC advises the Executive Council on priorities for the Strategic Plan to ensure an affordable plan that can be delivered within available Secretariat and Member resources;
- (b) The membership of PAC should include the presidents of the technical commissions and the Chair of RB.

TCC:

- (a) A technical coordination mechanism of less formal nature, a Technical Coordination Group, not necessarily a body of the Executive Council, should be maintained as a forum for coordinating the work of technical commissions, the RB, regional associations and other relevant bodies;
- (b) Such Group should not be tasked with reviewing recommendations adopted by technical commissions at their intergovernmental sessions; such provision should be removed from Rule 2.8 of the *Rules of Procedure for the Executive Council* (WMO-No. 1256);
- (c) The Group should especially focus on facilitating the dialogue between the regional associations and the technical bodies of the Organization to ensure inputs and coherence in the development and implementation of their work programmes;
- (d) The Group should include the officers of the technical commissions and regional associations, chairs/representatives of the RB, the HCP and other relevant panels; the Chair should be selected by the Group among its members at each session/once per year;
- (e) The meeting of the mechanism should preferably take place before or after those of PAC to optimize the participation of members;

- (f) TCC members to carry out further consultation for finalizing proposed terms of reference of the Technical Coordination Group by EC-77.

24. TCC-PAC adopted Recommendation 3 TCC-PAC(2022).

*Regional aspects (Recommendations 10–14 of the External Evaluator)*

25. TCC-PAC noted that Recommendations 10–14 of the External Evaluator were referred by TF-RE to the Task Force on the Comprehensive Review of the WMO Regional Concept and Approaches (TF-CRRCA).

26. TCC-PAC was briefed by the Chair of TF-CRRCA about their ongoing consideration of the findings and recommendations of the Independent Review of the Effectiveness of the WMO Regional and Subregional Offices and expressed the general view that the regional reform is essential to the fulfilment of the WMO mandate and the implementation of the governance reform.

*Meetings (Recommendation 8 TF-RE)*

27. TCC-PAC considered Recommendation 8 TF-RE concerning the need for guidance for face-to-face and virtual meetings. Based on the experience of the COVID-19 and post-COVID-19 period, TCC-PAC agreed on the following:

- (a) Face-to-face meetings are necessary to constituent bodies and intergovernmental decision-making, while online meetings can be more easily used for technical work;
- (b) The possibility for online connection should be guaranteed also for constituent bodies, to facilitate Member/member participation and take advantage of the contribution of a larger body of advisers and technical experts;
- (c) Careful planning is needed to organize meetings of WMO bodies in the proper sequence and at adequate dates so that the outcomes can build on each other and documents can be made available ahead of time for review by participants.

28. TCC-PAC agreed that the Secretariat should prepare a proposal, based on TF-RE recommendations, for guiding principles for the organization of face-to-face and virtual meetings to be circulated among TCC-PAC members ahead of EC-76.

*Travel Policy*

29. TCC-PAC considered draft document EC-76/Doc. 7.1(6) – Revised travel policy with regard to members of the Audit and Oversight Committee, prepared by the Secretariat in response to the Audit and Oversight Committee recommendation endorsed by EC-74.

30. TCC-PAC agreed that the travel conditions for members of the Audit and Oversight Committee should be specified in line with those of other organizations of the United Nations system.

31. TCC-PAC further agreed to the specification of Members that are eligible for financial support to attend sessions of technical commissions based on the categories of low-income and lower-middle income economies of the World Bank, in addition to the category of least developed countries of the United Nations.

32. TCC-PAC adopted Recommendation 4 TCC-PAC(2022).

*Guidelines for resolutions, decisions and recommendations*

33. TCC-PAC considered the draft guidelines for preparation, adoption and review of resolutions, decisions and recommendations, prepared by the Secretariat in response to the request of the Executive Council in [Resolution 8 \(EC-75\)](#) – Review of previous Resolutions and Decisions of the Executive Council.

34. TCC-PAC appreciated the draft guidelines as a useful document illustrating the procedures and practices of the Organization related to resolutions, decisions and recommendations and providing step-by-step guidance to assist Members/members in applying such procedures and practices and facilitate their decision-making. TCC-PAC advised that the guidelines be part of the induction for new Permanent Representatives and presidents of regional associations.

35. TCC-PAC adopted Recommendation 5 TCC-PAC(2022).

***Recommendations***

- **Recommendation 1 TCC-PAC(2022)** [paragraph 12]: TCC-PAC recommends to the Executive Council to adopt EC-76/Doc. 4(1) – Strategic Plan 2024–2027, with a recommendation of the Executive Council to Congress.
- **Recommendation 2 TCC-PAC(2022)** [paragraph 19]: TCC-PAC recommends to the Executive Council to maintain existing panels with revised duties and terms of reference to be developed by the panels as recommended by TCC-PAC and TF-RE.
- **Recommendation 3 TCC-PAC(2022)** [paragraph 24]: TCC-PAC recommends to the Executive Council to adopt the proposed revised terms of reference for PAC, as provided in [Annex 2](#), further advising on the opportunity to establish a more informal Technical Coordination Group (TCG) to replace TCC.
- **Recommendation 4 TCC-PAC(2022)** [paragraph 32]: TCC-PAC recommends to the Executive Council to adopt EC-76/Doc. 7.1(6) – Revised travel policy with regard to members of the Audit and Oversight Committee.
- **Recommendation 5 TCC-PAC(2022)** [paragraph 35]: TCC-PAC recommends to the Executive Council to adopt the guidelines for the development and adoption of resolutions, decisions and recommendations in relation to the review of previous resolutions and decisions of the Executive Council.

**Policy Advisory Committee**

***Account of deliberations***

Policy matters

*Final recommendations of the SAP*

36. As requested by [Resolution 2 \(EC-75\)](#) – Recommendations from the SAP, PAC considered draft document EC-76/Doc. 3.3(4) – Final recommendations of SAP and the annexed Science and Technology Vision Paper, submitted by the Chair of SAP, in light of their potential contribution to the development of the Strategic Plan 2024–2027.

37. PAC members expressed the view that the consideration of the recommendations of SAP, as a body composed of independent experts to provide independent advice to WMO, should be subject to a structured review process entailing: (a) an evaluation and prioritization by the RB, with advice on implementation of recommendations with corresponding concept notes; and (b)



an examination by Members and the Executive Council to assess the feasibility of the recommendations and refer them to the appropriate bodies of the Organization for implementation. On this basis, PAC agreed that the recommendations of SAP should be acknowledged, rather than endorsed, by the Executive Council until such review process had been completed.

38. PAC members further expressed the view that the provision of advice to Members on geoengineering, particularly solar radiation modification, was beyond the scope of the Organization and should only be pursued upon request by Members.

39. PAC members also expressed the view that the Science and Technology Vision Paper should remain SAP paper, rather than WMO paper; it should be disseminated to Members, together with RB analysis for feedback before it could be endorsed by the Executive Council or Congress.

40. PAC adopted Recommendation 1, 2 and 3 PAC-2(2022).

#### *Cost options investigation*

41. PAC reviewed [EC-76/Doc. 3.1\(17\)](#) and [EC-76/INF. 3.1\(17\)](#) – Cost options investigation, containing a draft recommendation of the Executive Council to Congress, submitted by the president of the Services Commission based on [Recommendation 22 \(SERCOM-2\)](#).

42. PAC acknowledged that many Members experience challenges in recovering costs associated with the provision of marine meteorological services under the Convention for the Safety of Life at Sea (SOLAS), which are established to be provided for free. PAC further acknowledged that national legislation normally does not provide for service providers to generate direct income from such services.

43. PAC concurred with the recommendation of the investigation that opportunities for cost recovery may lie in the identification of the right customers; for example, while it is not possible for national meteorological services to charge fishers for marine meteorological services opportunities may lie with the competent ministry of fisheries.

44. PAC adopted Recommendation 4 PAC-2(2022).

#### *Polar and high-mountain / cryosphere priorities*

45. PAC reviewed draft document EC-76/Doc. 3.1(18) – Priorities to address global and regional impacts of changes in the cryosphere, submitted by the Co-chairs of EC-PHORS, containing a draft recommendation of the Executive Council to Congress.

46. PAC congratulated the Co-chairs of the EC-PHORS for the achievements of the Panel and reiterated its concurrence with the proposed inclusion in the Strategic Plan 2024–2027 of a new Strategic Objective 1.5 on the cryosphere,<sup>6</sup> with a goal to address the need for improved access to information that would address the risks and impacts from the accelerated and largely irreversible changes in the cryosphere, at global and regional level.

47. PAC agreed to the five priorities proposed by EC-PHORS to accelerate the integration of cryosphere information in the work of all WMO bodies (emerging risks; service delivery; observations; partnerships; Antarctica), as they reflect the full value cycle and are aimed at addressing the information needs of polar and high-mountain regions, where cryosphere is present, as well as downstream and lowlands regions, and the ocean.

---

<sup>6</sup> Accelerate the development of integrated systems and services to address global risks associated with irreversible changes in the cryosphere and downstream impacts on water resources and sea level rise.

48. PAC adopted Recommendation 5 PAC-2(2022).

*Public-private engagement*

49. Following its presentation at TCC, PAC considered draft document EC-76/Doc. 7.1(..) – Regional Open Consultative Platform, proposed by the Secretary-General to promote the regularization of regional open consultative platforms taking advantages of sessions of regional associations and/or regional conferences.

50. PAC endorsed the proposal, underlining that one important role of the regional associations is to expand partnerships, including between governments and the private sector. PAC advised that regional open consultative platforms be organized by regional associations with the necessary flexibility and according to the availability of Permanent Representatives.

51. PAC adopted Recommendation 6 PAC-2(2022).

Regulatory matters

*Amendments to the General and Technical Regulations*

52. PAC reviewed EC-76/Doc. 7.1(1) – Amendments to the General and Technical Regulations, with a recommendation of the Executive Council to Congress, submitted by the Secretary-General based on [Decision 15 \(EC-75\)](#) – Concept note on the designation of technical commissions for the approval of non-regulatory publications. The document contains three proposed amendments: (a) in cases of votes by correspondence, a reduced deadline for the receipt of voting slips or electronic votes by the Secretary-General from 60 to 30 days after the dispatch of the request; (b) the reduction of the deadline for availability of documents for Members before the opening of a session of the Executive Council from 45 to 30 days; and (c) the approval by technical commissions of guidance materials that correspond to the regulatory framework.

53. PAC members requested to include in the procedure conditions and process of escalating of approval of guides to the Executive Council.

54. PAC noted the importance for all Members to be regularly updated on the adoption and issuance of guidance materials by technical commissions.

55. PAC adopted Recommendation 7 PAC-2(2022).

*Unified procedures for amending the Technical Regulations*

56. PAC reviewed EC-76/Doc. 7.1(2) – Procedures for amending the Technical Regulations (WMO-No. 49), their annexes, Guides and other corresponding non-regulatory publications, jointly submitted by the presidents of the Services Commission and the Infrastructure Commission based on [Recommendation 1 \(SERCOM-2\)](#) and [Decision 14 \(INFCOM-2\)](#). The proposal concerns: (a) unified procedures for amending the *Technical Regulations*, their annexes, guides and other corresponding non-regulatory publications for inclusion in the [Rules of Procedure for Technical Commissions](#) (WMO-No. 1240); and (b) maintaining the General Provisions of the [Technical Regulations](#) only in Volume I (WMO-No. 49), to which Manuals and other non-regulatory publications should refer. Such amendments would be implemented only after the adoption by Congress of the amendments to the *General Regulations* and *Technical Regulations* discussed in paragraphs 56-57.

57. PAC concurred with the recommended unified procedures for amending the *Technical Regulations* and adopted Recommendation 8 PAC-2(2022).

*Amendments to the Rules of Procedure for Technical Commissions*

58. PAC reviewed EC-76/Doc. 7.1(3) – Amendments to the Rules of Procedure for Technical Commissions (WMO-No. 1240), jointly submitted by the presidents of the Services Commission and the Infrastructure Commission based on [Recommendation 25 \(SERCOM-2\)](#) and [Decision 15 \(INFCOM-2\)](#). The principal amendments concern: (a) the codification of criteria for the recommendation by the officers to [Recommendation 25 \(SERCOM-2\)](#) and [Decision 15 \(INFCOM-2\)](#). The principal amendments concern: (a) the codification of criteria for the recommendation by the officers of the technical commissions to adopt documents without debate; and (b) the establishment of principles for remote participation in-session of the technical commissions.

59. PAC members concurred with the recommended amendments to the *Rules of Procedure for Technical Commissions*, underlining the importance for Members to be able to debate documents as needed and to participate in sessions of the technical commissions according to their ability.

60. PAC adopted Recommendation 9 PAC-2(2022).

*Proposed legislative framework to address JIU/REP/2020/1 Recommendation 7*

61. PAC reviewed the draft amendments to the Rules of Procedure for the Executive Council (WMO-No. 1256) concerning the Establishment of the Executive Council Disciplinary Committee to assist the President on the application of the disciplinary process as outlined in the Annex to the Contract of the Secretary-General. The draft amendments are proposed by the Task Force on JIU/REP/2020/1 (TF-RF) according to the tasks laid out in [Decision 16 \(EC-75\)](#) – Misconduct rules to address JIU/REP/2020/1 Recommendation 7.

62. PAC supported the proposal of TF-R7 as an initiative that will promote WMO as a leader in the United Nations for transparency and accountability. PAC suggested minor amendments for readability as follows: (a) paragraph 4, inclusion of a reference to “strive to obtain gender balance”; and (b) paragraph 7, inclusion of a reference to the notion of “misconduct” as defined in the Draft Misconduct Rules to be Contained in the Annex to the Contract of the Secretary-General.

63. PAC adopted Recommendation 10 PAC-2(2022).

**Recommendations**

- **Recommendation 1 PAC-2(2022)** [paragraph 40]: PAC recommends to EC-76 to request RB to evaluate and prioritize SAP recommendations and advise on their feasibility and concept for implementation.
- **Recommendation 2 PAC-2(2022)** [paragraph 40]: PAC recommends to EC-76 to request the Secretary-General to circulate the SAP Science and Technology Vision Paper and corresponding RB analysis to Members for feedback ahead of Cg-19.
- **Recommendation 3 PAC-2(2022)** [paragraph 40]: PAC recommends to EC-76 to acknowledge the recommendations of SAP pending the review and prioritization by RB, for final consideration by Congress.
- **Recommendation 4 PAC-2(2022)** [paragraph 44]: PAC recommends to EC-76 to adopt EC-76/Doc. 3.1(17) – Cost options investigation, with a recommendation of the Executive Council to Congress.
- **Recommendation 5 PAC-2(2022)** [paragraph 48]: PAC recommends to EC-76 to adopt EC-76/Doc. 3.1(18) – Priorities to address global and regional impacts of changes

in the cryosphere, with a recommendation of the Executive Council to Congress, with minor changes.

- **Recommendation 6 PAC-2(2022)** [paragraph 51]: PAC recommends to EC-76 to adopt EC-76/Doc. 3.4(4) – Regional Open Consultative Platform.
  - **Recommendation 7 PAC-2(2022)** [paragraph 55]: PAC recommends to EC-76 to adopt EC-76/Doc. 7.1(1) – Amendments to the General and Technical Regulations, with a recommendation of the Executive Council to Congress.
  - **Recommendation 8 PAC-2(2022)** [paragraph 57]: PAC recommends to EC-76 to adopt EC-76/Doc. 7.1(2) – Procedures for amending the *Technical Regulations* (WMO-No. 49), their annexes, Guides and other corresponding non-regulatory publications, with additions requested by PAC.
  - **Recommendation 9 PAC-2(2022)** [paragraph 60]: PAC recommends to EC-76 to adopt EC-76/Doc. 7.1(3) – Amendments to the *Rules of Procedure for Technical Commissions* (WMO-No. 1240), with minor changes.
  - **Recommendation 10 PAC-2(2022)** [paragraph 63]: PAC recommends to EC-76 to recommend to Congress the adoption of the draft amendments to the *Rules of Procedure for the Executive Council* (WMO-No. 1256) concerning the Establishment of the Executive Council Disciplinary Committee, following their finalization by TF-R7 at their meeting foreseen ahead of EC-76.
-

## Annex 1

### Draft Decision 3/1 (EC-76)

#### **Adoption of resolutions without debate based on the recommendations by the Technical Coordination Committee**

##### **The Executive Council decides:**

- (1) To note that the recommendations submitted to the Executive Council by the Services Commission and the Infrastructure Commission are the result of extensive intergovernmental discussions and agreement at their respective second sessions;
- (2) To accept the recommendations of the Technical Coordination Committee (TCC) included in the report by its Chair (EC-76/INF. 2.5(2)) concerning resolutions and recommendations on technical and procedural matters being submitted to the Executive Council at the present session;
- (3) To approve by consensus and without debate the documents containing the following draft resolutions and recommendations recommended by TCC:

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

- (1) Draft Resolution 3.1(1)/1 (EC-76) – Ice Forecasting Competency Framework
- (2) Draft Resolution 3.1(2)/1 (EC-76) – Tropical Cyclone Forecaster Competency Framework
- (3) Draft Resolution 3.1(4)/1 (EC-76) – Amendments to the Manual on Marine Meteorological Services (WMO-No. 558), Volume I
- (4) Draft Resolution 3.1(5)/1 (EC-76) – Updates to the Guide to Marine Meteorological Services (WMO-No. 471)
- (5) Draft Resolution 3.1(6)/1 (EC-76) – Update of Guide to Agricultural Meteorological Practices (WMO-No. 134)
- (6) Draft Resolution 3.1(7)/1 (EC-76) – Update the Guide to Practices for Meteorological Offices Serving Aviation (WMO-No. 732)
- (7) Draft Resolution 3.1(7)/2 (EC-76) – Update the Guide to Aeronautical Meteorological Services Cost Recovery: Principles and guidance (WMO-No. 904)
- (8) Draft Resolution 3.1(8)/1 (EC-76) – Quality Management System for Climate Services
- (9) Draft Resolution 3.1(9)/1 (EC-76) – Endorsing the approval of the draft fourth edition of the Guide to Climatological Practices (WMO-No. 100)
- (10) Draft Resolution 3.1(10)/1 (EC-76) – WMO Guide for National Meteorological and Hydrological Services in Support of National Multi-Hazard Early Warning Systems, Procedures, Coordination Mechanisms, and Services
- (11) Draft Resolution 3.1(15)/1 (EC-76) – Implementation Plan for Advancing Integrated Climate and Health Science and Services 2023–2033
- (12) Draft Resolution 3.2(16)/1 (EC-76) – WMO activities on extreme heat and health

Long-Term Goal 2 – Enhance Earth system observations and predictions: Strengthening the technical foundation for the future:

- (1) Draft Resolution 3.2(1)/1 (EC-76) – Amendments to the Manual on the WMO Integrated Global Observing System (WMO-No. 1160)
- (2) Draft Resolution 3.2(2)/1 (EC-76) – Guide to the WMO Integrated Global Observing System (WMO-No. 1165)
- (3) Draft Resolution 3.2(4)/1 (EC-76) – Update of the Guide to Aircraft-Based Observations (WMO-No. 1200)
- (4) Draft Resolution 3.2(5)/1 (EC-76) – Publication and translation of the Guide to Instruments and Methods of Observation (WMO-No. 8)
- (5) Draft Resolution 3.2(6)/1 (EC-76) – Update of the Guide to the WMO Information System
- (6) Draft Resolution 3.2(7)/1 (EC-76) – Update of the Manual on Codes
- (7) Draft Resolution 3.2(8)/1 (EC-76) – Establishment of a Data Acquisition Centre for marine meteorological and oceanographic climate data within the Marine Climate Data System and associated updates to the Guide to Marine Meteorological Services (WMO-No. 471), Appendix 1
- (8) Draft Resolution 3.2(9)/1 (EC-76) – Designation of Global Producing Centres for Long-range Forecasts (GPC-LRF), Sub-seasonal Forecasts (GPC-SSF) and Lead Centre for the Coordination of Multi-model Ensembles for Sub-seasonal Forecasts (LC-SSFME)
- (9) Draft Resolution 3.2(10)/1 (EC-76) – Termination of Annual WMO Technical Progress Report on the Global Data-Processing and Forecasting System (GDPFS) and Numerical Weather Prediction (NWP) Research
- (10) Draft Resolution 3.2(11)/1 (EC-76) – Establishment of the Compliance Review Process for Regional Specialized Meteorological Centres (RSMCs)
- (11) Draft Resolution 3.2(12)/1 (EC-76) – Renewal of the Guide on the Global Data-processing System (WMO-No. 305)
- (12) Draft Resolution 3.2(13)/1 (EC-76) – Amendments to the Manual on the Global Data-processing and Forecasting System (WMO-No. 485) proposed by SERCOM
- (13) Draft Resolution 3.2(14)/1 (EC-76) – New Guide to Operational Weather Radar Best Practices
- (14) Draft Resolution 3.2(15)/1 (EC-76) – Towards a change of radiation references
- (15) Draft Resolution 3.2(17)/1 (EC-76) – Strategy for the Virtual Laboratory for Education and Training in Satellite Meteorology 2024–2027
- (16) Draft Recommendation 3.2(18)/1 (EC-76) – Improving Climate Observations
- (17) Draft Resolution 3.2(19)/1 (EC-76) – Implementation plan update of the WMO Information System 2.0
- (18) Draft Resolution 3.2(20)/1 (EC-76) – WMO Hydrology Observation System (WHOS) Operational Implementation

(19) Draft Resolution 3.2(21)/1 (EC-76) – Regional Marine Instrument Centres – Updated Terms of Reference, governance and assessment process

(20) Draft Resolution 3.2(22)/1 (EC-76) – Regional Instrument Centres (RICs)

Long-Term Goal 4 – Close the capacity gap on weather, climate, hydrological and related environmental services: Enhancing service delivery capacity of developing countries to ensure availability of essential information and services needed by governments, economic sectors and citizen

(1) Draft Resolution 3.4(2)/1 (EC-76) – Engagement with Regional Associations

Long-Term Goal 5 – Strategic realignment of WMO structure and programmes for effective policy- and decision-making and implementation:

(1) Draft Recommendation 9(2)/1 (EC-76) – Review of resolutions and recommendations of the previous commission structure

---

## Annex 2

### Policy Advisory Committee

#### **Mandate**

The Policy Advisory Committee (PAC) shall advise the Executive Council on any matters concerning the strategy and policy of the Organization submitted to it by the Executive Council, with a particular focus on:

- (1) Maintaining awareness of global trends and external drivers that affect Members and the long-term vision-setting of the Organization,
  - (2) Improving and aligning the Organization-wide strategic, operational and budget planning process, including monitoring of implementation of the Strategic Plan, and advising the Executive Council on priorities to ensure an affordable plan which can be delivered within available Secretariat and Member resources,
  - (3) Keeping under review WMO policies and regulations and practices for the exchange of meteorological, hydrological and climatological and related data and products,
  - (4) Optimizing WMO governance and programme structures, processes and rules practices, to ensure the effective and efficient use of resources through a more strategic focus and within a quality management framework,
  - ~~(5) Addressing and keeping under review the evolution of the role and operation of National Meteorological and Hydrological Services,~~
  - ~~(6) Streamlining WMO scientific and technical programmes to ensure their relevance to the Strategic and Operating Plans and effectiveness,~~
  - (57) Guiding the engagement of the Organization in partnerships with other UN and international organizations, the academia and the private sector,
  - (68) Mainstreaming and advancing gender equality across the Organization, especially in governance and decision-making.
-