|  |  |  |
| --- | --- | --- |
| WEATHER CLIMATE WATER | **World Meteorological Organization****COMMISSION FOR OBSERVATION, INFRASTRUCTURE AND INFORMATION SYSTEMS****Third Session**15 to 19 April 2024, Geneva | **INFCOM-3/Doc. 1** |
| Submitted by:President of INFCOM26.II.2024**DRAFT 2** |

# GENERAL SUMMARY OF THE WORK OF THE SESSION

1. The president of the Commission for Observation, Infrastructure and Information Systems (INFCOM), Mr Michel Jean opened the third session of the Commission on Monday, 15 April 2024 at 0900 CEST and welcomed the participants. *[to be completed during the session]*
2. The Secretary-General, Professor Celeste Saulo, also welcomed the participants to the session, and [… *to be completed during the session]*.
3. The Commission approved the agenda as provided in [Appendix](#Appendix) 1.
4. The Commission established the following committees:
5. Credentials Committee:

Chair: name (country)

Members: principal delegates of ….

1. Nomination Committee:

Chair: name (country)

Members: principal delegates of …,

1. Coordination Committee:

Chair: President of INFCOM

Members: vice-presidents of INFCOM, Deputy Secretary-General, Director of Infrastructure Department, Secretaries of plenary meetings designated by the Secretary-General and Conference Officer.

1. The Commission agreed on the programme of work of the session *[*[*Appendix 2*](#_APPENDIX_2)*, not to be retained in the final report]* and the working hours of the meetings: from 0900 to 1200 and from 1400 to 1700 (CEST). It also noted in [General Regulation 95](https://library.wmo.int/viewer/48992/?offset=#page=68&viewer=picture&o=bookmark&n=0&q=) (*Basic documents No. 1* (WMO-No. 15)) concerning the records and minutes of the session.
2. The Commission noted the report of the president of the Commission including the reports of the chairs of the subsidiary bodies, highlighting the work done since the second session.
3. The session adopted [*xx*] recommendations to the Executive Council given in Appendix [*xx*].
4. The session adopted [*xx*] resolutions, given in Appendix [*xx*].
5. The session adopted [*xx*] decisions, given in Appendix [*xx*].
6. The Commission recommended that the Executive Council should request the Secretary-General to publish, in accordance with [Resolution 47 (Cg-19)](https://library.wmo.int/idviewer/67177/521) - WMO mandatory publications and distribution policy for the nineteenth period, and to invite Members to make use of guides and guidelines adopted by the session:
	1. *[list of publications to be prepared during the session]*
7. The list of participants is given in Appendix [*xx*]. Out of a total of [*xx*] participants, [*xx*]were women, equal to [*xx*]% and [*xx*] men, equal to [*xx*]%.
8. The Commission agreed that the next regular session(s) would be held
[… *to be completed during the session].*
9. The third session of the Commission closed at [xx] on 19 April 2024.

\_\_\_\_\_\_\_\_\_\_\_\_

[Appendi](#Appendix)ces: 2

## APPENDIX 1

## GENERAL SUMMARY OF THE WORK OF THE SESSION

## Provisional annotated agenda

**1. Agenda and organization of the session**

1.1 Opening of the session

The third session of the Commission for Observation, Infrastructure and Information Systems (INFCOM-3) will be opened by the president of the Commission on Monday, 15 April 2024 at 0900 (CEST).

1.2 Approval of the agenda

In accordance with [Rules 6.13.1](https://library.wmo.int/viewer/56841/?offset=1#page=19&viewer=picture&o=bookmark&n=0&q=) and [6.13.6](https://library.wmo.int/viewer/56841/?offset=1#page=20&viewer=picture&o=bookmark&n=0&q=) of the [*Rules of Procedure for Technical Commissions*](https://library.wmo.int/records/item/56841-rules-of-procedure-for-technical-commissions?offset=1) (*RoP-TC*) (WMO-No. 1240), the provisional agenda of the session will be submitted for approval by the Commission after the opening. Such provisional agenda items may include items submitted – no later than 30 days before the opening of the session – by the President of the Organization, the Executive Council, other commissions, regional associations, the United Nations, relevant international organizations, and Members, in accordance with [Rule 6.13.3](https://library.wmo.int/viewer/56841/?offset=1#page=20&viewer=picture&o=bookmark&n=0&q=) of the *RoP-TC* (WMO‑No. 1240). The agenda may be amended at any time during the course of the session.

1.3 Consideration of the report on credentials

A list of representatives attending the session will be made available, in accordance with [General Regulation 22](https://library.wmo.int/doc_num.php?explnum_id=11187#page=49) (*Basic Documents No. 1* (WMO-No. 15)), as soon as possible after the opening of the session. This list will be based on the credentials received by the Secretary-General before the session and will be updated with those submitted to the representative of the Secretary-General during the session. If an objection is raised by a principal delegate to any name on the list, a Credentials Committee shall be established.

1.4 Establishment of committees

In accordance with [General Regulations 22, 24](https://library.wmo.int/viewer/48992/?offset=#page=49&viewer=picture&o=bookmark&n=0&q=) (*Basic Documents No. 1* (WMO-No. 15)), and [Rule 6.13.1(b)](https://library.wmo.int/viewer/56841/?offset=1#page=20&viewer=picture&o=bookmark&n=0&q=) of the *RoP-TC* (WMO-No. 1240), the Commission may establish, if needed, the following committees: (a) a Credentials Committee, (b) a Nomination Committee to assist in the election of officers, (c) a Coordination Committee, tasked with the oversight of organizational aspects of the session. The Commission may establish other committees in the course of the session.

1.5 Records

In accordance with [General Regulation 94](https://library.wmo.int/doc_num.php?explnum_id=11187#page=67) (*Basic Documents No. 1* (WMO-No. 15)), decisions adopted by the session will be formulated in the form of a decision, a resolution or a recommendation.

According to [General Regulation 95](https://library.wmo.int/doc_num.php?explnum_id=11187#page=68) (*Basic Documents No. 1* (WMO-No. 15)), after the session the resolutions, decisions and recommendations will be recorded in the final report of the session and published by the Secretariat. Information documents and statements will also be included in the progress report (Part II). Summarized minutes of the discussions at plenary meetings of constituent bodies will be prepared by the Secretariat only where there is a specific request from the plenary. Audio recordings of plenary meetings will be made and retained for record purposes.

**2. Report of the president of the Commission, including the reports of the chairs of subsidiary bodies**

According to [Rules 6.13.1(c) and (d)](https://library.wmo.int/idviewer/56841/20) of the *RoP-TC* (WMO-No. 1240), the president will report on the activities undertaken in the capacity of president of the Commission, including those of the Management Group, the Standing Committees, the Study Groups and Advisory Groups according to the Commission work programme per [Resolution 1 (INFCOM-2)](https://library.wmo.int/idviewer/66287/15) – Work programme of the Commission, during the period from October 2022 to April 2024.

**3. Consensual draft resolutions, decisions and recommendations to be approved without debate**

According to [Rule 3.10](https://library.wmo.int/viewer/56841/?offset=1#page=12&viewer=picture&o=bookmark&n=0&q=) of the *RoP-TC* (WMO-No. 1240), and with the additional consideration of the organization of the session, the Commission will consider the list of consensual draft resolutions, decisions, and recommendations that the officers of the Commission propose to be approved without debate. Any Member of the Commission may, at the time of the consideration of the proposal, request a discussion of any document proposed for adoption without debate.

**4. Review of previous decisions of Congress, the Executive Council and Commission**

4.1 Review of previous resolutions and recommendations of the Commission

In accordance with [Rule 6.13.1(h)](https://library.wmo.int/idviewer/56841/20) of the *RoP-TC* (WMO-No. 1240), the Commission will review resolutions and recommendations adopted at its first and second sessions and decide which should be kept in force, based on an evaluation of implementation of relevant actions.

4.2 Review of Congress and Executive Council resolutions and decisions related to the Commission

In accordance with [Rule 6.13.1(i)](https://library.wmo.int/viewer/56841/?offset=1#page=20&viewer=picture&o=bookmark&n=0&q=) of the *RoP-TC* (WMO-No. 1240), the Commission will consider the relevant resolutions and decisions adopted by Congress and the Executive Council and will take them into account while reviewing its work programme.

**5.** **Consideration of the WMO Programmes relevant to the Commission including the strategic planning**

In accordance with [Rule 6.13.1(e)](https://library.wmo.int/idviewer/56841/20) and (f) of the *RoP-TC* (WMO-No. 1240), the Commission will consider the draft Recommendation on the programme description of the expanded WWW Programme and the Space Programme, requested by [Resolution 62 (Cg-19)](https://library.wmo.int/idviewer/67177/565) – Review of Previous Resolutions of Congress, to be submitted to the Executive Council at its 78th session for adoption on behalf of Congress after review by the Technical Coordination Committee and the Policy Advisory Committee, while considering the strategic planning relevant to the Commission.

**6. Work programme and subsidiary bodies for the next intersessional period**

6.1 Work programme for the next intersessional period

Draft Resolution on the work programme of the Commission for the next intersessional period. The Commission will consider its work programme for the following intersessional period.

6.2 Subsidiary bodies for the next intersessional period

Draft Resolutions on: (i) the updated working structure of the Commission; and (ii) the selection of chairs and vice chairs of Standing Committees, Study Groups, Advisory Groups and Coordinators of the Commission. Additional organizational arrangements in response to Members’ requests. Based on [Resolutions 2](https://library.wmo.int/viewer/66287?viewer=picture#page=59&viewer=picture&o=bookmark&n=0&q=) and [3](https://library.wmo.int/viewer/66287?viewer=picture#page=74&viewer=picture&o=bookmark&n=0&q=) (INFCOM-2), the Commission will update its working structure and consider the establishment of additional type(s) of subsidiary bodies or Coordinators to assist the Standing Committee(s) and Advisory Group(s) in the coordination, monitoring and evaluation of longer standing programme activities. The Commission will also agree on arrangements to ensure regional engagement in its Management Group.

**7. Strategic priorities**

7.1 Priority activities and action plan for the Early Warnings for All initiative

The session will consider a consolidated list of priority activities as the action plan of the Commission, as per [Resolution 4 (Cg-19)](https://library.wmo.int/idviewer/67177/62) – United Nations Early Warnings for All initiative, as well as recommendations on the actions to be taken by the regional associations for review and consolidation by the Technical Coordination Committee, with contributions by other technical bodies, and submission to the Executive Council at its 78th session.

7.2 Implementation plan for the Global Greenhouse Gas Watch

The session will consider a draft recommendation on the implementation plan per [Resolution 5 (Cg-19)](https://library.wmo.int/idviewer/67177/66) – Global Greenhouse Gas Watch.

7.3 Environmental sustainability

The session will consider a draft decision on environmental sustainability to address Strategic Objective 5.4 of the WMO Strategic Plan 2024–2027.

**8. Technical decisions**

The session will consider technical submissions prepared by the Standing Committees, Study Groups and Advisory Groups since the second session, as well as recommendations from other bodies and take decisions or make recommendations to the Executive Council and Congress as appropriate.

8.1 WMO Integrated Global Observing System – networks

* Amendments to the [*Manual on the WMO Integrated Global Observing System*](https://library.wmo.int/index.php?lvl=notice_display&id=19223#.YCKWbmhKiUk) (WMO-No. 1160)
	+ Inclusion of the observing component for space weather
	+ Inclusion of radio frequency (RF) matters
	+ Update of the Climate Monitoring Principles of the Global Climate Observing System
	+ Clarification of the Global Basic Observing Network (GBON) requirements
	+ Adjustment of the Regional Basic Observing Network (RBON) design
	+ Inclusion of core and recommended satellite data
	+ Adjustment of the Coordination Group for Meteorological Satellites (CGMS) baseline
	+ Inclusion of DAYCLI reporting practice
* Update of the [*Guide to the WMO Integrated Global Observing System*](https://library.wmo.int/index.php?lvl=notice_display&id=20026#.YCKWAGhKiUk) (WMO‑No. 1165), including the [*Technical Guidelines for Regional WIGOS Centres on the WIGOS Data Quality Monitoring System*](https://library.wmo.int/idurl/4/56347) (WMO-No. 1224)

Major updates to the *[Guide to the WMO Integrated Global Observing System](https://library.wmo.int/index.php?lvl=notice_display&id=20026" \l ".YCKWAGhKiUk)*(WMO‑No. 1165) include:

* + Inclusion of the observing component for space weather
	+ Guidance on advancing environmental sustainability
	+ Inclusion of RF matters and RF national focal points
	+ Inclusion of WIGOS Station Identifiers for satellites
	+ Additional guidance on GBON
	+ Clarification of the RBON process

The *[Technical Guidelines for Regional WIGOS Centres on the WIGOS Data Quality Monitoring System](https://library.wmo.int/idurl/4/56347)* (WMO-No. 1224) is fully revised.

* Plan for update of the [*Vision for the WMO Integrated Global Observing System in 2040*](https://library.wmo.int/idurl/4/57028)(WMO-No. 1243) and the High Level Guidance on the Evolution of Global Observing Systems during the period 2023–2027 in response to the Vision
* GBON implementation and expansion including the Systematic Observations Financing Facility (SOFF), metadata and tools
* Update of the [*Guidelines on Best Practices for Achieving User Readiness for New Meteorological Satellites*](https://library.wmo.int/records/item/55542-guidelines-on-best-practices-for-achieving-user-readiness-for-new-meteorological-satellites?offset=4)(WMO-No. 1187) (with new title: *Guidelines on Best Practices for Achieving User Readiness for New Satellite Systems)*
* Decision on the report on the WMO Global Hydrological Data Centres

8.2 WMO Integrated Global Observing System – measurements

* Update of the [*Guide to Instruments and Methods of Observation*](https://library.wmo.int/index.php?lvl=notice_display&id=12407) (WMO-No. 8)
* Evolvement of the operational measurement uncertainty requirements (the [*Guide to Instruments and Methods of Observation*](https://library.wmo.int/index.php?lvl=notice_display&id=12407) (WMO-No. 8), Vol. I, Chapter 1, Annex 1.A.)
* Update of the Guide to the *Operational Weather Radar Best Practices* (WMO‑No. 1257)
* Update of the [*Guide to Hydrological Practices, Volume I*](https://library.wmo.int/idurl/4/35804) (WMO-No. 168)
* *Guidelines for Radiometer Comparisons*
* Future instrument intercomparisons
* Follow-up on the Upper-Air Instrument Intercomparison

8.3 WMO Information System

* Amendments to the [*Manual on the WMO Information System*](https://library.wmo.int/records/item/35315-manual-on-the-wmo-information-system?offset=3)(WMO-No. 1060)
* Transition from WIS1 and Global Telecommunication System (GTS) to WIS2, including capacity development
* Update of the [*Guide to the WMO Information System*](https://library.wmo.int/index.php?lvl=notice_display&id=6856) (WMO-No. 1061)
* Standardization of first mile data collection
* Establishment of a Study Group on future data infrastructure
* Climate Data Management including the update of the [*Climate Data Management System Specifications*](https://library.wmo.int/idurl/4/51447) (WMO-No. 1131)
* Amendments to the [*Manual on Codes*](https://library.wmo.int/index.php?lvl=notice_display&id=10684) (WMO-No. 306)

8.4 WMO Integrated Processing and Prediction System

* Amendments to the [*Manual on the WMO Integrated Processing and Prediction System*](https://library.wmo.int/index.php?lvl=notice_display&id=12793#.YCKXnGhKiUk) (WMO-No. 485)
	+ For weather prediction
	+ For climate prediction
	+ For water and related environmental prediction
* Update of the *Guide to the WMO Integrated Processing and Prediction System* (WMO-No. 305)
* Demonstration of integration of products from non-traditional source into the WMO Integrated Processing and Prediction System
* Demonstration of the WMO Integrated Processing and Prediction System Rolling Review of Requirements
* Roadmap for the integration of Cryosphere in the WMO Integrated Processing and Prediction System

8.5 Cross-systems

* Engagement plan of the Advisory Group on the Ocean
* Four-year plan for WMO activities related to space weather
* Recommendations of the Task Team on Hydrology
* Approach for assessment and compliance review of centres

**9. Coordination and procedural aspects**

9.1 Relation with the United Nations and other organizations and programmes

The Commission will consider the relation with the United Nations and other organizations and programmes, including the Global Climate Observing System (GCOS), the Global Ocean Observing System (GOOS) and the Coordination Group for Meteorological Satellites (CGMS).

9.2 Coordination with other bodies

The Commission will review the status of coordination and collaboration with other WMO bodies, including the consideration of the Technical Coordination Committee, and agree on any corrective actions, if needed.

**10. Capacity development**

The Commission will discuss the actions taken and ways to further enhance activities for capacity development of the Commission, considering the recommendations of the Capacity Development Panel (CDP).

**11. Gender equality**

The Commission will discuss the draft decision on gender equality. The Commission will discuss the ways in which it is dealing with the gender equality, in particular mechanisms that will enable more women to be involved in the work of the Commission, with a view to recommending ways to strengthen gender activities in the Commission in the future.

**12. Election of officers**

The Commission will elect its president and up to three co-vice-presidents, taking in due considerations, as per [Resolution 40 (Cg-19)](https://library.wmo.int/viewer/67177/?offset=3#page=486&viewer=picture&o=bookmark&n=0&q=) - Measure to Foster Inclusive, Transparent and Environmentally Sustainable Governance, the guidance contained in document [Cg‑19/INF. 4.5(2a)](https://library.wmo.int/records/item/67177-world-meteorological-congress?offset=3), which relates to promoting and facilitating equality by filling the vacant leadership roles and technical experts positions in the subsidiary bodies of the Commission in a way that ensures a balanced representation of Regions, genders and developmental levels.

**13. Date and place of next sessions**

The session will consider the date and place of the next sessions of the technical commission, as well as the possibility of holding associated technical conferences.

**14. Closure of the session**

The session is expected to close on Friday, 19 April 2024, at 1700 (CEST).

\_\_\_\_\_\_\_\_\_\_\_\_

## APPENDIX 2

**Provisional WORK pLAN**

*[Subject to change; not to be retained in the final report; the updated version is published on* [*the session website*](https://meetings.wmo.int/INFCOM-3/SitePages/Tentative%20Workplan.aspx?CalendarDate=15/04/2024&CalendarPeriod=week)*.]*

| Time (CEST) | Monday – Day 115 April | Tuesday – Day 216 April | Wednesday – Day 317 April | Thursday – Day 418 April | Friday – Day 519 April |
| --- | --- | --- | --- | --- | --- |
| 0800–0900 | Coordination Committee | Coordination Committee/Nomination committee | Coordination Committee/Nomination committee | Coordination Committee/ Nomination committee |  |
| 0900–1200 | 1. Opening, organization2. Reports3. Consensual documents4. Review of previous decisions5. Programme6. Work programme and substructure | 8.1 WMO Integrated Global Observing System (WIGOS) – networks | 8.3 WIS | 12. Election of officers | 10. Capacity Development11. Gender issues5. Adoption of Programme6. Adoption of Work programme and substructure  |
| 1200–1400 | *Side events* |  |
| 1400–1700 | General discussion7. Strategic priorities | 8.2 WIGOS – measurements | 8.4 WIPPS | 8.5 Cross-systems9. Coordination and procedures  | Outstanding documents13. Date and place of next session14. Closure |
| 1700–1800 | *Side events* | Management Group meeting with new members |
| 1700–1800 | Coordination Committee | Coordination Committee | Coordination Committee | Coordination Committee |  |

\_\_\_\_\_\_\_\_\_\_\_\_