

**ESCAP/WMO Typhoon Committee**  
Fifty-seventh Session  
17 to 20 February 2025  
Seda Manila Bay  
Parañaque City, Metro Manila, Philippines

FOR PARTICIPANTS ONLY  
WRD/TC.57/16.1  
17 January 2025  
ENGLISH ONLY

## **Proposed Draft WMO Update and Coordination with other activities of the WMO Tropical Cyclone Programme**

### **Item 16 of Provisional Agenda – WMO**

*(Submitted by WMO Secretariat)*

---

#### **ACTION REQUIRED:**

The Committee is invited to:

- a. Review the activities carried out under the TCP since its fifty-sixth session (Kuala Lumpur, Malaysia February 2024)
- b. Consider what further measures, if any, may be taken to strengthen coordination between its own activities and those conducted under other parts of the TCP.

#### **APPENDIX A: DRAFT TEXT FOR INCLUSION AT SESSION REPORT**

## APPENDIX A:

### DRAFT TEXT FOR INCLUSION IN THE SESSION REPORT

#### WMO UPDATE AND COORDINATION WITH OTHER ACTIVITIES OF THE WMO TROPICAL CYCLONE PROGRAMME (agenda item 16.1)

1. The Committee was informed by the WMO Secretariat of the relevant resolutions from WMO constituent bodies, including:
  - a. [Resolution 1 of the Executive Council \(EC-78, June 2024\)](#) – Strategic priorities – WMO Roadmap for Early Warnings for All (EW4All) Initiative: urging Members to support the successful implementation of Multi-Hazard Early Warning Systems within their national context and encouraging Members to share best practices.  
  
An update on the EW4All progress after two years of implementation was also presented.
  - b. [Resolution 11 \(EC-78, June 2024\)](#) – presenting the Business Continuity Management (BCM) approved guidelines.  
  
The Typhoon Committee Members were encouraged to develop region-specific BCM guidance and tools for tropical cyclone-related activities. The contact is Ms Xiao Zhou xzhou@wmo.int.
  - c. [Resolution 25 \(EC-78, June 2024\)](#) describing the WMO Major Programmes for the 19<sup>th</sup> financial period, including the updated description of the Tropical Cyclone Programme
  - d. [Resolution 2 of the WMO Technical Commission for Services \(SERCOM-3, March 2024\)](#) presenting the SERCOM Work Programme 2024-2027
  - e. [Decision 3 \(SERCOM-3\)](#) describing the Process for the amendments to the Technical Regulations to include Early Warning Systems.
  - f. [Decision 6 \(SERCOM-3, March 2024\)](#) related to the addition of the TC forecaster competencies in the Compendium of WMO Competency Frameworks (WMO-No. 1209)
  - g. [Recommendation 9 of the WMO Technical Commission for Infrastructure \(INFCOM-3, April 2024\)](#) to include additional mandatory TC parameters to the WMO Integrated processing and Prediction System Manual.
2. TCP activities during the inter-sessional period were highlighted as follows, and WMO Secretariat informed that all the documents are available via the <https://community.wmo.int/en/tropical-cyclone-programme-tcp-events-and-activities>
  - a. Training and Capacity Development  
  
Workshops on TC Forecasting and Warning in Miami, Florida, USA from 8-12 April 2024, in Nadi, Fiji, 14-18 and 21-25 October 2024 (respectively regular and advanced).  
  
RSMC La Reunion co-organized the Fifth Miniforum on Tropical Cyclone Outlook in the Southwest Indian Ocean for humanitarian agencies (online, 26 October 2024)  
  
RSMC attachment trainings for tropical cyclones in New Delhi, India (19-30 August 2023), and in Tokyo, Japan from 13-24 January 2025.
  - b. TCP regional bodies sessions were conducted as follows:  
  
RA IV Hurricane Committee (HC-46, Panama City, Panama, 18-22 March 2024) (HC-47 is planned in El Salvador, 31 March-3 April 2025, back-to-back with the RA-19 session and the meeting of the Regional Subprogramme Management Team (RSMT) of the Severe Weather Forecasting Programme (SWFP) for Eastern Caribbean).  
  
RA V Tropical Cyclone Committee for the South Pacific and Southeast Indian Ocean (RAV TCC-22, Brisbane, Australia, 30 July- 1 August 2024, back-to-back with the RSMT SWFP South Pacific)

RA I Tropical Cyclone Committee for the Southwest Indian Ocean (RA I TCC-Ext 2024, online, 12 September 2024) (RAI TCC-26 planned in Seychelles, 6-10 October 2025 - TBC)

PTC-51, online, 16-19 December 2024

c. Global technical guidance and coordination – Advisory Group on Tropical Cyclones

The main objective of this Group – subsidiary body of SERCOM and the Standing Committee on DRR - is to provide technical guidance and coordination in support of the delivery of globally consistent tropical cyclone-related services. The work includes updating regulations, improving coordination among tropical cyclone centers, and fostering engagement between operational and research communities.

It is a very active Group, meeting twice a year. The working documents and final reports of the AG-TC meetings are available [here](#).

Its priorities and future activities are listed below:

- Further developing the TC Impact-Based Forecasting products
  - Developing probabilistic products
  - Following-up and supporting the materialization of the technical recommendations from the International Workshop on Tropical Cyclones (IWTC-10, Bali, Indonesia, 5-9 December 2022)
    - Addition of mandatory TC parameters into the [WIPPS](#) Manual (WMO Integrated Processing and Prediction System)
    - Trainings – design of webinars on specific topics of interest such as AI
    - Difficult TC cases added in TCP database
  - RSMC Compliance review – ongoing – by INFCOM-4 (2026)
3. WWRP and TCP have planned to organize the 11<sup>th</sup> International Workshop on Tropical Cyclones (IWTC-11) in Shanghai, China (TBC) from 16 to 20 November 2026 (TBC). The IWTC is a quadrennial forum for tropical cyclone community (both researcher and forecasters) to discuss together all aspects related to tropical cyclones with particular focus on track, intensity, structure, related hazards, and societal impacts.