

REPORT ON TCS ACTIVITIES IN 2020

(Submitted by TCS)

ACTION REQUIRED:

The Committee is invited:

- a) To take note of the major TCS activities in 2020
- b) To advise the improvement of the functions carried out by the Secretariat
- c) To approve the recommendations of TCS for 2021

APPENDICES:

- 1) DRAFT TEXT FOR INCLUSION AT SESSION REPORT
- 2) TCS ACTIVITIES REPORT 2020

APPENDIX A:

DRAFT TEXT FOR INCLUSION IN THE SESSION REPORT

9.1 Report of the Typhoon Committee Secretariat (agenda item 9.1)

9.1.1 The Committee took note of the report of the Typhoon Committee Secretariat.

9.1.2 The Committee noted with appreciation the TCS's activities 2020 in order to enhance coordination and support to Members and coordinate Working Groups activities during the ongoing COVID-19 situation.

9.1.3 The Committee noted with high appreciation that Macao Government for the strong support to TCS in the past years and cooperating to renew and implement the Agreement between the Government of the Macao Special Administrative Region of the People's Republic of China and the ESCAP/WMO Typhoon Committee regarding Administrative, Financial and Related Arrangements for the Typhoon Committee Secretariat.

9.1.4 The Committee expressed appreciation to Members for their donation for the Typhoon Committee Trust Fund and in-kind contributions and encourage Members to continue support activities of the Committee.

9.1.5 The Committee dealt with related issues under the relevant agenda items.

9.1.6 The Committee approved the recommendations submitted by TCS as expressed in paragraph X.X.

(Additional text to be added in the light of discussion on this item)

APPENDIX B:

TCS ACTIVITIES REPORT 2020

1. Introduction

In 2020, TCS made great efforts on overcoming the influence of covid-19 and maintaining the Committee mechanism running properly for fulfilling the decisions of 52nd Session of the Committee. With the strong support and kind cooperation from all Members, TC Chairs, AWG, Working Groups, ESCAP and WMO, TCS endeavored to carry out its functions successfully.

2. Execution of the Decisions of the Committee

TCS coordinated and supported AWG, WG's and Members for implementing the decisions of 52nd Session of the Committee including the typhoon names replacement, new AWG Chair nomination, review and update the Rules and Procedures of the Typhoon Committee emergency situations related etc.

3. Coordination and Participation in the Activities of Annual Operation Plan Implementation

- **WGM**

- Coordinated all activities for implementation of 5 POPs, 9 AOPs and 1 PP of WGM in 2020.
- Coordinated the hosting of 3rd annual meeting of WGM.
- Coordinated the nomination of WGM new Chairperson.
- Participated in the following meetings in 2020:
 - › Two video conferences of TC 52nd Annual Session (March and June 2020).
 - › Two video conferences of TC 15th IWS and WGM Parallel Session (December 2020).
- Drafted reports for 3rd annual meeting of WGM, and documents of WGM component for TC 15th IWS **and** TC 53rd Session.

- **WGH**

- Coordinated all activities for implementation of all 7 AOPs of WGH in 2020.
- Coordinated the hosting of WGH 9th working meeting.
- Coordinated the issue of WGH chairmanship, and selection of chairperson and vice chairpersons for the term of next two years.
- Participated in the following meetings in 2020:
 - › two video conferences of TC 52nd annual session which were held in March and June 2020, respectively.
 - › video conference of WGH 9th working meeting which was organized by Japan on 22 October 2020.
 - › video meeting of WGH AOP2 and AOP3 which was organized by Republic of Korea on 26 November 2020.
 - › video conference of TC 15th IWS and WGH parallel session from 1 to 2 December 2020.
 - › 4th Think-tank Conference on Flood Disaster Risk Reduction which held in

Guangzhou, China from 17 to 18 December 2020.

- Drafted reports for WGH 9th working meeting, and documents related to hydrological component for TC 15th IWS and 53rd Session.

- **WGDRR**

- Coordinated the implementation of AOPs of WGDRR in 2020.
- Participated in and coordinated the hosting the WGDRR Virtual meeting to be held on 20 NOV 2020.
- Participated in and coordinated the 15th IWS that was held by virtual meeting on 1-2 December 2020. During the parallel session, WGDRR Members presented their Member Reports and the progress of the Projects, as well as discussed the proposal of the AOPs and Budget in 2021.
- Coordinated the production of the DRR video and uploaded to TC website in order to share with TC Member to use on public education.
- Drafted the report for TC 15th IWS and 53rd Session.

- **TRCG**

- CMA's Typhoon Forecaster Training Programme was successfully held in Beijing on 9-11 December 2020 and was conducted online due to the COVID-19 pandemic. The training was attended by 59 local participants and 42 overseas participants, including 16 participants from the Typhoon Committee Members and 26 from Panel on Tropical Cyclone.
- The Hong Kong Observatory (HKO) offered the fellowship on a topic entitled "Verification of tropical cyclone wind structure forecasts from global NWP models and ensemble prediction system" to be conducted in Q1 of 2021.
- The RSMC Forecaster's Training Attachment originally for 2020 has been scheduled to Q1 of 2021 due to the relocation of the JMA Headquarters. The training will likely be conducted online due to the development of the COVID-19 pandemic. Further details of the training will be announced in due course.

4. **Other Issues**

- **Improving the TC website**

The Typhoon Committee website has been updated to better serve as a platform for the Members and provide better support.

- **Assisting KMA in its International Internship Programme**

Following the request from Korea Meteorological Administration (KMA) and based on the communication with Korea Meteorological Institute (KMI), considering the situation of COVID-19 at that time, TCS accepted Ms. PARK Soyoung and Mr. CHOI Youngkwang as online interns from September 2020 to February 2021. TCS meteorologist Mr. Clarence Fong was appointed as the supervisor for Ms. Park, and the hydrologist Dr. Jinping LIU as supervisor for Mr. Choi.

5. **Recommendations**

Based on the experience of routine operation in 2020 and in the past years, and considering needs and possibility, TCS made the following recommendations to TC 53rd Session for consideration:

- To allocate US\$29,000 from TCTF for supporting overall TCS activities; US\$3,000 for supporting IWS hosting in 2020 and US\$2000 for IWS related activities.
- To express appreciations to Members for their donation for the Typhoon Committee Trust Fund and in-kind contributions, encourage Members to continue support activities of the Committee.
- To thank Macao Government for strong support of TCS in the past years.