**ESCAP/WMO Typhoon Committee** 

Fifty-third Session 23 to 25 February 2021 Video Conference, Japan FOR PARTICIPANTS ONLY
INF/TC.53/14.2.2
20 January 2021
ENGLISH ONLY

# FINALIZED SUMMARY OF INCOME AND EXPENDITURE OF TYPHOON COMMITTEE TRUST FUND (TCTF)

from 1 January to 31 December 2018 and 2019

## RELATED TO THE EXECUTION OF THE WORK PLAN 2018, 2019 and PROVISIONAL SUMMARY OF INCOME AND EXPENDITURE

from 1 January to 31 December 2020

Item 14 of Provisional Agenda - Typhoon Committee Trust Fund (TCTF)

(Submitted by TCS)	

#### **ACTION REQUIRED:**

The Committee is invited to:

To take note of the Finalized Summary of Income and Expenditure of TCTF from 1 January-31 December 2018, 2019 and Provisional Summary of Income and Expenditure from 1 January to 31 December 2020

#### **APPENDICES:**

- 1) DRAFT TEXT FOR INCLUSION AT SESSION REPORT
- 2) FINALIZED SUMMARY OF INCOME AND EXPENDITURE OF TCTF FROM 1 JANUARY TO 31 DECEMBER 2018, AND 2019 RELATED TO THE EXECUTION OF THE WORK PLAN 2018, 2019 AND PROVISIONAL SUMMARY OF INCOME AND EXPENDITURE FROM 1 JANUARY 2020-31 DECEMBER 2020

### **APPENDIX A:**

### DRAFT TEXT FOR INCLUSION IN THE SESSION REPORT

### REPORT OF TYPHOON COMMITTEE SECRETARIAT

14.2.1. The Committee reviewed the statement of account of TCTF for the period of 1 January to 31 December 2019 and the provisional statement for 1 January 2020 to 31 December 2020 submitted by the representative of the WMO Secretariat as shown in **Appendix** \_\_\_\_.

14.2.2 The Committee was informed by TCS, the summary of income and expenditure from 1 January to 31 December 2018 and 2019 and the provisional summary of income and expenditure for 2020 related to the execution of the Work Plan 2018, 2019 and 2020. In addition, provisional summary of income and expenditure from 1 January to 31 March 2021 and summary of TCTF budget 2018/2019, 2019/2020 and 2020/2021 with additional three months from January to March 2019 to 2021 was provided as reference. (Appendix \_\_\_\_)

### **APPENDIX A:**

14. Support Required for the Committee Programme Typhoon Committee Trust Fund (INF/TC.53/14.2.2)

Finalized Summary of Income and Expenditure from 1 January 2018 to 31 December 2018 related to the execution of the Work Plan 2018 by TCS

No.	Ву	Activity	January to March 2018			A	April to December 2018 (A)			m January to De	cember 2018	January to March 2019 (B)			
140.	Group	Activity	Total Income	Expenditure	Net Income (Expenditure)	Total Income	Expenditure	Net Income (Expenditure)	Total Income	Expenditure	Net Income (Expenditure)	Total Income	Expenditure	Net Income (Expenditure)	
1	TCS	Support to TCS for Annual Session, Integrated Workshop, ESCAP Session, PTC Session and other activities related to resource mobilization and representation at international meetings	10,000.00	10,064.05	(64.05)	17,290.00	12,145.11	5,144.89	27,290.00	22,209.16	5,080.84	10,710.00	10,735.00	(25.00)	
2	TCS	Support and Organization of the Integrated Workshop (USD3,000.00 for host member and USD2,000 for others)			-	5,000.00	3,059.76	1,940.24	5,000.00	3,059.76	1,940.24				
3	ALL WGS (IWS ONLY)	Support to attend Integrated Workshop (IWS) and other activities (AWG, WGM, WGH, WGDRR)			-	40,000.00	34,699.01	5,300.99	40,000.00	34,699.01	5,300.99			-	
4#	TRCG	Support for attachment of three (3) forecasters to RSMC Tokyo – Typhoon Center			-	7,500.00	7,500.00	,	7,500.00	7,500.00				,	
5	TRCG	Roving Seminar and Training Activities			-	16,000.00	16,018.18	(18.18)	16,000.00	16,018.18	(18.18)			-	
6	WGM	Enhancing Utilization of Himawari 8/9 Product			-	6,000.00	5,541.84	458.16	6,000.00	5,541.84	458.16		_	-	
7	WGM	Verification of tropical cyclone operational forecast	(5,000.00)	-	(5,000.00)	5,000.00	-	5,000.00	•	-				i	
8	WGM	Publication of Tropical Cyclone Research and Review	5,000.00	5,003.57	(3.57)			-	5,000.00	5,003.57	(3.57)	5,000.00	3,647.81	1,352.19	
9	WGM	Development of regional radar network			-	6,000.00	4,464.03	1,535.97	6,000.00	4,464.03	1,535.97				
10	WGM	Technology transfer of the Typhoon Analysis and Prediction System (TOS)			-	5,000.00	4,442.02	557.98	5,000.00	4,442.02	557.98			-	
11	WGH	Support to Flash Flood Risk Information for Local Resilience			-	5,000.00	5,000.00	-	5,000.00	5,000.00				•	
12	WGH	Support to the OSUFFIM Phase-II: Extension of OSUFFIM Application in TC Members	1,372.00	2,028.10	(656.10)	1,573.00	1,573.21	(0.21)	2,945.00	3,601.31	(656.31)	4,427.00	4,358.02	68.98	
13	WGH	Support to the Impact Assessment of Climate Change on Water Resource Variability in TC Members				_	_	-		_	-	4,000.00	3,545.95	454.05	
14	WGDRR	WGDRR Expert Mission			-	6,000.00	_	6.000.00	6.000.00	-	6.000.00				
15	WGDRR	TC Report about Big Data and Social Media use for DRR			-	4,000.00	-	4,000.00	4,000.00	_	4,000.00			-	
16	WGDRR	Promote international cooperation on DRR project			-	5,000.00	3,858.99	1,141.01	5,000.00	3,858.99	1,141.01			-	
17	WGDRR	Benefit evaluation of Typhoon Disaster Prevention and Preparedness Project			-	6,000.00	6,000.00		6,000.00	6,000.00				-	
18	WGDRR	Making the Educational Videos			-	3,000.00	2,979.74	20.26	3,000.00	2,979.74	20.26			-	
		Sub-total	11,372.00	17,095.72	(5,723.72)	138,363.00	107,281.89	31,081.11	149,735.00	124,377.61	25,357.39	24,137.00	22,286.78	1,850.22	
	TRCG	Support and organize TC50 TECO in 2018	30,000.00	26,777.47	3,222.53			-	30,000.00	26,777.47	3,222.53			-	
40	TCS	Support and organize activities for TC50 in 2018	50,000.00	49,979.48	20.52		1	-	50,000.00	49,979.48	20.52			-	
19	WGM	OC meeting (workshop) for Experiment on Typhoon Intensity Change in Coastal Area	(5.000.00)		(5.000.00)	5,000.00	-	5,000.00	5,000.00	-	5,000.00			-	
20	WGM	Expert Team Meeting for TCRR	(5,000.00)		(5,000.00)	5,000.00	-	5,000.00	-	-				-	
21	WGM	Assessment report on the impact of climate change on tropical cyclone in TC region			-	7,500.00	6,257.64	1,242.36	7,500.00	6,257.64	1,242.36	2.000.00	2040.05	(40.05)	
22	WGH WGDRR	OSUFFIM Technical Report Publication 2018 PRiMO conference (NOAA)			-	0.000.00	7 700 04	200.40	9 000 00	7 702 04	200.40	3,000.00	3,043.05	(43.05)	
23	WGDKK	Sub-total for Special Budget	75,000.00	76,756.95	(1,756.95)	8,000.00 25,500.00	7,703.84 13,961.48	296.16 11,538.52	8,000.00 100,500.00	7,703.84 90,718.43	296.16 9,781.57	3,000.00	3,043.05	(43.05)	
		Grand Total	86,372.00	93,852.67	(7,480.67)	163,863.00	121,243.37	42,619.63	250,235.00	215,096.04	35,138.96	27,137.00	25,329.83	1,807.17	

#Directly Handled by WMO

Budget approved from April-December 2018 plus additional 3 months from January - March 2019 (USD163,863.00+USD27,137.00=USD191,000.00)

Period	Total Income	Total Expenditure	Net Income (Expenditure)
(A) Total Balance from 1 April to 31 December 2018	163,863.00	121,243.37	42,619.63
(B) Total Balance from 1 January to 31 March 2019	27,137.00	25,329.83	1,807.17
Total TCTF Budget from 1 April 2018 to 31 March 2019	191,000.00	146,573.20	44,426.80

## Typhoon Committee Trust Fund (INF/TC.53/14.2.2) Finalized Summary of Income and Expenditure from 1 January 2019 to 31 December 2019 related to the execution of the Work Plan 2019 by TCS

	Bu		Ja	nuary to March	2019	April to December 2019 (C)			Total from	January to Dec	ember 2019	January to March 2020 (D)		
No.	By Group	Activity	Total Income	Expenditure	Net Income (Expenditure)	Total Income	Expenditure	Net Income (Expenditure)	Total Income	Expenditure	Net Income (Expenditure)	Total Income	Expenditure	Net Income (Expenditure)
1	TCS	Support to TCS for Annual Session, Integrated Workshop, ESCAP Session, PTC Session and other activities related to resource mobilization and representation at international meetings	10,710.00	10,735.00	(25.00)	19,000.00	17,243.23	1,756.77	29,710.00	27,978.23	1,731.77	10,000.00	A	10,000.00
2	TCS	Support and Organization of the Integrated Workshop (USD3,000.00 for host member and USD2,000 for others)			-	5,000.00	-	5,000.00	5,000.00	-	5,000.00			-
3	ALL WGS (IWS ONLY)	Support to attend Integrated Workshop (IWS) and other activities (AWG, WGM, WGH, WGDRR)			-	73,000.00	49,219.67	23,780.33	73,000.00	49,219.67	23,780.33			-
4#	TRCG	Support for attachment of four (4) forecasters to RSMC Tokyo – Typhoon Center			-	10,000.00	10,000.00	-	10,000.00	10,000.00	-			-
5	TRCG	Roving Seminar and Training Activities			-	16,000.00	10,666.64	5,333.36	16,000.00	10,666.64	5,333.36			-
6	WGM	Enhancing Utilization of Himawari 8/9 Product			-	9,000.00	-	9,000.00	9,000.00	-	9,000.00			-
7##	WGM	Verification of Tropical Cyclone Operational Forecast			-	5,000.00	-	5,000.00	5,000.00	-	5,000.00			-
8##	WGM	Publication of Tropical Cyclone Research and Review	5,000.00	3,647.81	1,352.19	5,000.00	-	5,000.00	10,000.00	3,647.81	6,352.19			-
9	WGM	Development of regional radar network			-	8,000.00	7,987.91	12.09	8,000.00	7,987.91	12.09			-
10	WGM	Technology transfer of the Typhoon Analysis and Prediction System (TOS)			-	5,000.00	2,301.88	2,698.12	5,000.00	2,301.88	2,698.12			-
11	WGM	Parallel Analysis of Satellite Data in Operational Tropical Cyclone Monitoring (Available data used in operational tropical cyclone analysis)			-	4,500.00	-	4,500.00	4,500.00	-	4,500.00			-
12	WGH	Support to Flash Flood Risk Information for Local Resilience			-	5,000.00	4,741.02	258.98	5,000.00	4,741.02	258.98			-
13	WGH	Support to the OSUFFIM Phase-II: Extension of OSUFFIM Application in TC Members	4,427.00	4,358.02	68.98	6,000.00	5,981.94	18.06	10,427.00	10,339.96	87.04			-
14	WGH	Support to the Impact Assessment of Climate Change on Water Resource Variability in TC Members	4,000.00	3,545.95	454.05	4,000.00	3,674.66	325.34	8,000.00	7,220.61	779.39			-
15###	WGH	Application of Hydrological Data Quality Control System in TC Members			-	6,000.00	7,082.00	(1,082.00)	6,000.00	7,082.00	(1,082.00)			-
16###	WGH	Enhancement of Flood Forecasting Reliability with Radar Rainfall Data and Stochastic Technique			-	4,000.00	2,917.88	1,082.12	4,000.00	2,917.88	1,082.12			-
17	WGDRR	WGDRR Expert Mission		-	-	6,000.00	-	6,000.00	6,000.00	-	6,000.00			-
18	WGDRR	Benefit evaluation of Typhoon Disaster Prevention and Preparedness Project			-	6,000.00	6,000.00	-	6,000.00	6,000.00	-			-
19	WGDRR	Making the Educational Videos			-	1,500.00	1,486.39	13.61	1,500.00	1,486.39	13.61			-
		Sub-total Sub-total	24,137.00	22,286.78	1,850.22	198,000.00	129,303.22	68,696.78	222,137.00	151,590.00	70,547.00	10,000.00	-	10,000.00
	WGH	OSUFFIM Technical Report Publication	3,000.00	3,043.05	(43.05)			-	3,000.00	3,043.05	(43.05)			-
20	WGM	Publication of Assessment report on the impact of climate change on tropical cyclone in TC region			-	5,000.00	5,040.04	(40.04)	5,000.00	5,040.04	(40.04)			-
21	WGM	Contribution for the EXOTICCA-II			-	5,000.00		5,000.00	5,000.00	-	5,000.00			-
22	WGM	Radar Integrated Nowcasting System (RaINS)			-	5,000.00	4,949.56	50.44	5,000.00	4,949.56	50.44			-
23	WGM	World Bosai Forum (WBF), Sendai, Japan			-	8,000.00	6,066.19	1,933.81	8,000.00	6,066.19	1,933.81			-
24	WGDRR	Publication of Session Report			-	5,000.00	5,267.84	(267.84)	5,000.00	5,267.84	(267.84)			-
		Sub-total for Special Budget	3,000.00	3,043.05	(43.05)	28,000.00	21,323.63	6,676.37	31,000.00	24,366.68	6,633.32	-	-	-
		Grand Total	27,137.00	25,329.83	1,807.17	226,000.00	150,626.85	75,373.15	253,137.00	175,956.68	77,180.32	10,000.00	-	10,000.00
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#Directly handled by WMO

## Reallocation (USD5,000.00) from Item 7 Verification of tropical cyclone operational forecast to Item 8 Publication of Tropical Cyclone Research and Review

### Reallocation (USD1,082) from Item 16 Enhancement of Flood Forecasting Reliability with Radar Rainfall Data and Stochastic Technique to Item 15 Application of Hydrological Data Quality Control System in TC Members

^Annual Session postponed and request special budget in the Proposed Budget of Apr2020 to Mar2021

Budget approved from April-December 2019 plus additional 3 months from January - March 2020 (USD226,000.00+USD10,000.00=USD236,000.00)

Period	Total Income	Total Expenditure	Net Income (Expenditure)
(C) Total Balance from 1 April to 31 December 2019	226,000.00	150,626.85	75,373.15
(D) Total Balance from 1 January to 31 March 2020	10,000.00	0.00	10,000.00
Total TCTF Budget from 1 April 2019 to 31 March 2020	236,000.00	150,626.85	85,373.15

Typhoon Committee Trust Fund (INF/TC.53/14.2.2)

Provisional Summary of Income & Expenditure from 1 January to 31 December 2020 related to the execution of the Work Plan 2020 by TCS

		r rovisional Summary of Income	January to March 2020			April to December 2020 (E)			Total from January to December 2020			January to March 2021 (F)		
No.	By Group	Activity	Total Income	Expenditure	Net Income (Expenditure)	Total Income	Estimated Expenditure	Net Income (Expenditure)	Total Income	Estimated Expenditure	Net Income (Expenditure)	Total Income	Estimated Expenditure	Net Income (Expenditure)
		Support to TCS for Annual Session, Integrated												
1	TCS	Workshop, ESCAP Session, PTC Session and												
ļ	103	other activities related to resource mobilization and												
		representation at international meetings	10,000.00		10,000.00	16,000.00	-	16,000.00	26,000.00	-	26,000.00	13,000.00		13,000.00
		Support and Organization of the Integrated												
2	TCS	Workshop (USD3,000.00 for host member and												
		USD2,000 for others)			-	5,000.00	-	5,000.00	5,000.00	-	5,000.00			-
3	ALL WGS	Support to attend Integrated Workshop (IWS) and												
	(IWS ONLY)	other activities (AWG, WGM, WGH, WGDRR)			-	69,000.00	412.41	68,587.59	69,000.00	412.41	68,587.59			•
4#	TRCG	Support for attachment of four (4) forecasters to												
		RSMC Tokyo – Typhoon Center			-	-	-	-	-	-	-	11,000.00		11,000.00
5	TRCG	Roving Seminar and Training Activities			-	17,000.00		17,000.00	17,000.00	-	17,000.00			-
6	WGM	Enhancing Utilization of Himawari 8/9 Product			-	9,000.00	-	9,000.00	9,000.00	-	9,000.00			-
7	WGM	Publication of Tropical Cyclone Research and												
,		Review			-	9,000.00	-	9,000.00	9,000.00	-	9,000.00			-
8	WGM	Development of regional radar network			-	8,000.00	-	8,000.00	8,000.00	-	8,000.00			-
9	WGM	Technology transfer of the Typhoon Analysis and												
	VVOIVI	Prediction System (TOS)		-	-	6,000.00	-	6,000.00	6,000.00	-	6,000.00			-
		Parallel Analysis of Satellite Data in Operational												
10	WGM	Tropical Cyclone Monitoring (Available data used in												
		operational tropical cyclone analysis)			-	7,000.00	-	7,000.00	7,000.00	-	7,000.00			-
11	WGM	Radar Integrated Nowcasting System (RaINS)			-	5,000.00	-	5,000.00	5,000.00	-	5,000.00			-
12	WGH	OSUFFIM Phase-II: Extension of OSUFFIM												
12	WOIT	Application in TC Members			-	8,000.00	-	8,000.00	8,000.00	-	8,000.00			-
13	WGH	Impact Assessment of Climate Change on Water												
13	WOIT	Resource Variability in TC Members			-	4,000.00	-	4,000.00	4,000.00	-	4,000.00			-
14	WGH	Application of Hydrological Data Quality Control												
17	WOIT	System in TC Members			-	4,000.00	-	4,000.00	4,000.00	-	4,000.00			-
15	WGH	Enhancement of Flood Forecasting Reliability with												
13	WGIT	Radar Rainfall Data and Stochastic Technique			-	2,000.00	-	2,000.00	2,000.00	-	2,000.00			-
16	WGH	Platform on Water Resilience and Disaster under												
10	WGIT	IFI and hosting WGH Working Meeting			-	7,000.00	-	7,000.00	7,000.00	-	7,000.00			-
17	WGDRR	Capacity Building/Knowledge Sharing in DRR		-	-	10,000.00	8,248.46	1,751.54	10,000.00	8,248.46	1,751.54			-
18	WGDRR	Benefit Evaluation of Typhoon DRR (STI)			-	6,000.00	-	6,000.00	6,000.00	-	6,000.00			-
19	WGDRR	Making the Educational Videos			-	2,000.00	1,600.56	399.44	2,000.00	1,600.56	399.44			-
	WORRE	Seminar for TC Crowd-sourcing high density non-								·				
20	WGDRR	conventional weather data (HKO)			-	12,000.00	-	12,000.00	12,000.00	-	12,000.00			-
		Sub-total	10,000.00	-	10,000.00	206,000.00	10,261.43	195,738.57	216,000.00	10,261.43	205,738.57	24,000.00	-	24,000.00
21	WGM_TRCG	Workshop on typhoon forecasting techniques and WGM project progress review	-	-	-	-	-	-	-	-	-	12,000.00		12,000.00
	TCS	Support TCS for Annual Session postponed due to novel coronavirus			-	10,000.00	-	10,000.00	10,000.00	-	10,000.00			-
	1	Sub-total for Special Budget	-	-	-	10,000.00	-	10,000.00	10,000.00	-	10,000.00	12,000.00	-	12,000.00
		Grand Total	10,000.00	_	10,000.00	216,000.00	10,261.43	205,738.57	226,000.00	10,261.43	215,738.57	36,000.00	-	36,000.00
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#### #Direct Handled by WMO

Budget approved from April-December 2020 plus additional 3 months from January – March 2021 (USD216,000.00+USD36,000.00=USD252,000.00)

Period	Total Income	Estimated Expenditure	Net Income (Expenditure)
(E) Total Balance from 1 April to 31 December 2020	216,000.00	10,261.43	205,738.57
(F) Total Balance from 1 January to 31 March 2021	36,000.00	0.00	36,000.00
Total TCTF Budget from 1 April 2020 to 31 March 2021	252,000.00	10,261.43	241,738.57

### Summary of TCTF budget 2018/2019, 2019/2020 and 2020/2021, with additional three months from January to March 2019 to 2021

Period	Total Income	Total Expenditure	Net Income (Expenditure)
(A) Total Balance from 1 April to 31 December 2018	163,863.00	121,243.37	42,619.63
(B) Total Balance from 1 January to 31 March 2019	27,137.00	25,329.83	1,807.17
Total TCTF Budget from 1 April 2018 to 31 March 2019	191,000.00	146,573.20	44,426.80

Period	Total Income	Total Expenditure	Net Income (Expenditure)
(C) Total Balance from 1 April to 31 December 2019	226,000.00	150,626.85	75,373.15
(D) Total Balance from 1 January to 31 March 2020	10,000.00	0.00	10,000.00
Total TCTF Budget from 1 April 2019 to 31 March 2020	236,000.00	150,626.85	85,373.15

Period	Total Income	Estimated Expenditure	Net Income (Expenditure)
(E) Total Balance from 1 April to 31 December 2020	216,000.00	10,261.43	205,738.57
(F) Total Balance from 1 January to 31 March 2021	36,000.00	0.00	36,000.00
Total TCTF Budget from 1 April 2020 to 31 March 2021	252,000.00	10,261.43	241,738.57