

ESCAP/WMO Typhoon Committee
Forty-ninth Session
21- 24 February 2017
Yokohama, Japan

FOR PARTICIPANTS ONLY
WRD/TC.49/9.2
15 January 2017
ENGLISH ONLY

ADVISORY WORKING GROUP ANNUAL REPORT 2016

(Submitted by AWG Chair)

ACTION REQUIRED:

The Committee is invited:

- a) To take note of the major AWG activities in 2016
- b) To take note of the actions taken by AWG in 2016
- c) To take note of the recommendations made by AWG

APPENDICES:

- 1) Appendix A - DRAFT TEXT FOR INCLUSION IN THE SESSION REPORT
- 2) Appendix B - ADVISORY WORKING GROUP ANNUAL REPORT 2016

**APPENDIX A:
DRAFT TEXT FOR INCLUSION IN THE SESSION REPORT**

9.2 REPORT OF AWG

1. *The Committee was informed of the activities of the AWG as presented in the AWG Report 2016 (**Appendix ??**).*
2. *The Committee was briefed on the major issues discussed at the AWG meeting in Cebu, Philippines on 28 October 2016.*
3. *The Committee was informed of the preparation of the budget for 2017, including items in support of activities for the celebration of 50th Anniversary of Typhoon Committee as well as other non-recurring items for special funding consideration.*
4. *The Committee was informed of the progress and proposals relating to the review and update of the Typhoon Committee Strategic Plan for the next 5-year period of 2017 - 2021.*
5. *The Committee expressed its sincere appreciation to AWG for offering advice and support to TC Chairperson and TCS in following up the key issues identified at the last Session and in coordinating key TC activities.*

Recommendations of AWG

6. *AWG recommended the Committee to:*
 - a. *Take note of the progress and recommendations made in the planning and implementation of TC activities, including the preparation of the budget for 2017.*
 - b. *Consider and adopt the proposed Strategic Plan for 2017 – 2021 (refer to Agenda Item 13).*
7. *Any other text which will be included in the Session Report.*

APPENDIX B:

ADVISORY WORKING GROUP ANNUAL REPORT 2016

1. Introduction

In accordance with its Terms of Reference, AWG aims to assist the Chairperson of the Typhoon Committee (TC) and the TC Secretary to coordinate the implementation of TC decisions. AWG also serves as a “Think Tank/Steering Group” to advise and offer options or proposals, as required, to TC Chairperson, TC Secretary and TC Members.

2. AWG Membership

The current composition of AWG is:

Mr. Edwin LAI, Chair of AWG
Mr. Chiashi MUROI, Co-Vice Chair of AWG / Head of RSMC Tokyo
Mr. Tom EVANS, Co-Vice Chair of AWG
Mr. LEI Xiaotu, Chair of WGM
Mr. Yoshio TOKUNAGA, Chair of WGH
Dr. Jaehyun SHIM, Chair of WGDRR
Dr. T.C. LEE, Chair of TRCG
and ESCAP, WMO and TCS representatives as ex-officio members

3. AWG Meetings/Activities

3.1 AWG Meeting in Ulsan, Republic of Korea on 25 May 2016

At the kind invitation of NDMI, AWG took the opportunity to hold a small meeting on 25 May 2016 during the annual WGDRR workshop in Ulsan, Republic of Korea. The meeting mainly made plans and consolidated ideas to follow up on the issues below during the inter-sessional period and to prepare for the discussion of the issues at the AWG meeting during IWS11 in Cebu, Philippines in late October 2016:

- (a) Review of Strategic Plan (including suggestions as collated at the WGDRR plenary session on 24 May 2016);
- (b) TC working groups - review of functions and objectives, including cross-cutting effectiveness and IWS organization;
- (c) AWG Chair/Vice Chair appointment and "extra member(s)";
- (d) Follow-up actions on TC Secretary Long-term Appointment Mechanism;
- (e) Ideas for celebrating TC 50th anniversary;
- (f) Preparation and organization of IWS11 and TC49;
- (g) Budgetting and accounting processes; and
- (h) Next TCS hosting.

3.2 AWG Meeting in Cebu, Philippines on 28 October 2016

A meeting of AWG was held on 28 October 2016 during IWS11 in Cebu, Philippines (summary notes as given in Annex). Highlights of key issues discussed are summarized as follows:

- AWG, with the support of Ray TANABE and Ken KLEESCHULTE of USA, will propose a revised version of the Strategic Plan for 2017 – 2021 for consideration and adoption at TC49.
- Macao, China has made a provisional offer to continue hosting the TCS in 2019 – 2022, and in the absence of expressed interest from other Members, a proposal to continue with the current arrangement will be put forward for consideration and adoption at TC49.
- A consensus of the long-term mechanisms for the appointment of TC Secretary has been reached subject to a final review of the relevant text by China and Japan.
- Ideas for a review of the format and scheduling of IWS will be further discussed for streamlining and enhanced cross-cutting purposes.
- Viet Nam has kindly agreed to host the TC50 Session along with a TECO at Ha Noi in early 2018. Other activities and events are also being planned to celebrate the 50th Anniversary of TC during the occasion.

4. AOPs and TCTF Budget

AOPs 2016 were reviewed and based on the AOPs submitted by TCS and the various working groups for 2017, a TCTF budget proposal for 2017 was submitted for the Committee's approval under Agenda Item 17.4 at the 49th Session, including special budget items in support of activities for the celebration of the 50th Anniversary of Typhoon Committee at the annual session to be held in Hanoi in early 2018.

**MEETING OF ADVISORY WORKING GROUP
Cebu, Philippines, 28 October 2016**

SUMMARY NOTES

Present:

- Edwin LAI, Chair of AWG
- Chiashi MUROI, Co-Vice Chair of AWG / Head of RSMC Tokyo
- Tom EVANS, Co-Vice Chair of AWG
- LEI Xiaotu, Chair of WGM
- Yoshio TOKUNAGA, Chair of WGH
- Chihun LEE, for Chair of WGDRR
- Taoyong PENG, WMO
- YU Jixin, TCS

Absent with apology:

- Jaehyun SHIM, Chair of WGDRR
- T.C. LEE, Chair of TRCG
- Representative from ESCAP

In attendance:

- YU Jun (CMA)
- Naohisa KOIDE (JMA)
- Takuya HOSOMI (JMA)
- Namyooong KANG (KMA)
- Raymond TANABE (US NWS Pacific Region)
- Clarence FONG (TCS)
- Jinping LIU (TCS)
- Barrie LEI (TCS)
- Denise LAU (TCS)
- Lisa KOU (TCS)

Discussion at the AWG Meeting

- Agenda item 1 – Review of Strategic Plan
 - Ken KLEESCHULTE reported that only limited input had been received from the focal points of Members so far, and the only major changes he had proposed were the re-arrangement of the KRAs and some corresponding movement of the associated goals and activities.
 - The meeting appreciated the reference materials prepared and input table suggested by YU Jun, and requested Ken KLEESCHULTE to compile a revised version of the Strategic Plan by early November for distribution to AWG members and Strategic Plan focal points for one final round of input and comments, with deadline for returns to be set for end of November.

- The meeting took note that a final draft of the Strategic Plan should be submitted for approval at the next TC Session (TC49), even though time would be rather limited. Extension of the current Strategic Plan for another year would only be considered if absolutely necessary.
- Agenda item 2 – AWG Chairmanship
 - TCS reported that US and Philippines nominated Ray TANABE as AWG Chair, while Viet Nam nominated Jaehyun SHIM (current WGDRR Chair) as AWG Chair or Vice Chair, and Chiashi MURUI as Vice Chair. Japan also nominated Chiashi MURUI as Vice Chair. Another nomination received for Vice Chair came from Hong Kong, China for T.C.(Tsz-cheung) LEE (current TRCG Chair).
 - Chihun LEE, on behalf of NDMI, indicated that Jaehyun SHIM would not be available to take up the chairmanship or vice-chairmanship of AWG given his heavy responsibilities as President of NDMI.
 - As such, the meeting noted the available options for consideration by the Committee at TC49 would be: (a) Ray TANABE's nomination by US and Philippines, replacing Edwin LAI as AWG Chair upon the completion of his term; and (b) the re-appointment of Chiashi MURUI as nominated by Viet Nam and Japan and the appointment of T.C. LEE as proposed by Hong Kong, China as Co-Vice Chairs.
- Agenda item 3 – Additional AWG Memberships
 - The meeting agreed that AWG should retain the role as a think-tank and advisory body, with recommendations and conclusions to be made on a consensus basis. As such, AWG considered that additional memberships should be considered on a personal merit basis rather than making it open to all Members or arbitrarily assigned to specific Members. It also considered that Members be invited to propose suitable persons with proven experience, capability and contribution to the works of TC. It agreed to report the outcomes at the session, for consideration by the Committee.
 - Even without formal memberships, Members should be reminded that they could still send representatives to sit in and attend AWG meetings if they so desired.
- Agenda item 4 – TC Secretary Long-term Appointment Mechanism
 - TCS reported that only a limited number of responses were received from Members in the latest round of consultation and most of them indicated “no comments”. However, the meeting noted with appreciation that Japan and China had in principle reached a consensus over the current proposal subject to the formal agreement of a proposed revised text by both Members.
- Agenda item 5 - Hosting of TCS
 - TCS confirmed that no Members apart from Macao, China had expressed an interest to host the TCS. As such, a proposal for Macao, China to continue hosting the TCS would be submitted for consideration by the Committee at TC49.
- Agenda item 6 – Effectiveness of TC Activities
 - Edwin LAI presented his ideas on revamping the format of IWS to encourage a shift in focus towards the development of more Cross-cutting Integrate Projects (CIPs; see Attachment 1). Under the new approach, special funding allocations would then only cater for special occasions/events (e.g. TC50) and CIPs, with lump sums under the regular budget to be allocated to the WGs (including TRCG) to manage and support their respective AOP items. AWG noted with appreciation this idea and considered it should be further refined in terms of effectiveness and feasibility.

AWG members would be consulted for further views and comments through emails to refine the proposal for submission to the Committee at TC49.

- On managing and monitoring the effectiveness of AOP items, the meeting opined that the necessary assessment and evaluation were already being carried out by TCS, the three WGs and TRCG. It would be difficult to adopt a uniform rating and scoring scheme across all the AOPs given the different nature of activities undertaken by the various groups, and it was considered counter-productive to adopt an over-critical approach given that many Members were taking part and supporting the AOPs on a voluntary basis through in-kind contribution.

- Agenda item 7 – TC50, TC50 TECO and Other Associated Activities
 - The meeting took note of the themes and sub-topics as proposed by T.C. LEE and reported on his behalf by Edwin LAI for the 3rd TRCG Forum to be held back-to-back before TC50 (see Attachment 2). While AWG members would be consulted further in writing on the themes and sub-topics, the meeting opined that presentations on the Special Theme should be made on Day 1 of TC50 instead in conjunction with a high-level ministerial meeting.
 - Edwin LAI reported that Viet Nam had confirmed their readiness to host the joint events in Ha Noi in early 2018. The meeting supported the idea to organize the 3rd TRCG Forum in a Technical Conference (TECO) format (with reference to the CBS TECO programme being organized in Guangzhou, China) and as such proposed to formally label the event as TC50 TECO. It was tentatively planned to organize the 2-day event on Monday and Tuesday, with the TC50 Session to follow from Wednesday to Saturday.
 - TCS was requested to confirm with Viet Nam the place and dates in time for Members' consideration and agreement at TC49. An early confirmation of dates in particular would help to secure the attendance of PRs, senior government officials as well as NGOs and other donor organizations for the major activities being planned, which in turn would help to attract the presence of WMO Secretary General to officiate at the opening ceremony.
 - TCS was asked to seek Members' input on the contact channels for invitations to be sent to the senior government officials.
 - AWG members would be further consulted through emails in compiling a guest list of TC veterans to be invited back to take part in the celebration activities of TC50.
 - The meeting also took note with appreciation WGM's plan to publish a special edition of TCRR for TC50 TECO, including the reports as presented by the invited speakers.
 - Denise LAU presented some initial ideas on the celebration activities, commemorative items, gifts and souvenirs to be organized or produced for TC50 (see Attachment 3). The meeting in principle supported the ideas and asked TCS to follow up as appropriate, with reminders that the amount of gifts for distribution should be kept to a minimum, the budget for individual items should be controlled for administrative convenience and prudence, and the items produced should also be environment-friendly. It was also agreed that sponsors should be sought in helping to organize the social activities that could not be otherwise covered by TCTF with due consideration given to WMO's restrictions.
 - In view of TC50 TECO and to avoid duplication of effort, the meeting also suggested that technical presentations should be left out in the development of programme for IWS12.

- Agenda item 8 – TCTF Budget 2017
 - The regular budget was proposed to be USD 147,000. The over-the-ceiling budget was mainly for the extra expenses involved in organizing the IWS in Jeju (including

TRCG members also attending for the 4-yearly planning meeting) and the engagement of more Members in the activities being organized.

- The special budget request amounted to USD 111,000. The substantial amount was mostly for organizing and supporting the activities associated with TC50 and TC50 TECO to be held in Ha Noi in early 2018, and for two capacity-building initiatives led by WGM and WGH.
 - For details of the budget, see Attachment 4.
- Agenda item 9 - AOB
 - With reference to requests made in the TC48 Report, TCS was reminded to send out meeting notifications and other documents in good time and that session documents should be made available online one month in advance.
 - The meeting asked Japan as host of TC49 to consider making nominations for the Kintanar Award 2016. Despite the lack of cash award in recent years, the meeting agreed that the Kintanar Award should be retained to encourage partnership and collaboration in the pursuit of TC's long-term objectives.
 - The meeting took note of the preparation and arrangement being made for TC49 at Yokohama as reported by Takuya HOSOMI, and confirmed that a pre-Session AWG meeting would be tentatively planned on the afternoon of 20 February (Monday).
 - The meeting also noted with appreciation an NDMI offer expressed by Chihun LEE to host an AWG meeting if required in conjunction with the annual WGDRR workshop in 2017, possibly in Ulsan again as in 2016.

Post-meeting comments received from Naohisa KOIDE (incorporating comments from Chiashi MURIOI and Takuya HOSOMI) on Attachments 1 and 2:

- Attachment 1: The Next Phase of IWS

We recognized that both positive and negative comments/views were presented during the discussion at the last AWG meeting. I appreciate such views/comments are to be reflected into the note accordingly. Below is a summary of our view including our comments presented at AWG meeting.

Deficiency:

We agree that integrated activity should be further enhanced and regularized in the future, in light of the mission of the Committee and its importance in particular for our future DRR agenda. Also, we also partly understand the deficiency in current format on slide 1.

Project Establishment Process:

Our view is that we can enhance integrated activity within the current framework (Here, we expect that "Integrated Project" is not a project like SSOP requiring additional large funding source, but one like AOPs being implemented within the available resource, namely the regular budget). One of possible and feasible first steps would be to let Members leading the existing AOPs consider the possibility to expand them to the other WGs in the future. For instance, if a WGM Member leading a project wants to expand it to WGDRR, the Member can propose it at a WGDRR meeting, and if accepted, it can be included as one of AOPs of WGDRR. In this case, this project can be present under both WGM and WGDRR AOP tables. If necessary, a separate AOP table for integrated projects can be developed, and both leading WG(s) and Member(s) of integrated projects can be specified in the table.

Project Implementation and Management:

The project can be implemented under a WG to which the leading Member(s) belong. Progress of the project can be reported and its future plan can be discussed at the WG meeting. If multiple Members from different WGs lead an integrated project, they can set up a management group as appropriate and its progress can be reported at either of WGs or at the plenary session. It should be noted that it is Members who lead a project and TCS roles are to provide administrative/logistic supports. Also, considering that all AOPs are in principal done by voluntary efforts of respective Members, Member's initiatives should be fully appreciated and should not be demoralized. In addition, AWG is an advisory group and not a body in charge of implementing and coordinating integrated projects initiated by some Members.

(Special) Budget allocation:

How to provide budgetary supports are also carefully considered. Since special budget is allocated to one shot event, Integrated Projects can be supported only if it is just a one shot event like a meeting/workshop. But it may be not something we expect for "Integrated Project". If we want to make the activity of the Committee more integrated, we should think about how we can implement integrated projects in a budgetary sustainable manner. Considering WG projects perhaps remain core activities of the Committee in the future, regular budgets are to be allocated to them first. We had better keep in mind that preferential allocation of budgets to integrated projects may result in decrease in WG activity, if their budget allocations are reduced.

- Attachment 2: TECO

Since there was no info presented at AWG meeting, would it be possible for a proponent to provide detailed estimates for AWG to justify USD 60,000 for organizing TC50 TECO. [Note by AWG Chair: A slide on the detailed estimates was added to Attachment 2.]

DEFICIENCY IN CURRENT FORMAT

- More parallel than integrated
- Imbalance in AOP loading among the three WGs and hence inefficient use of time
- Discussion and reporting emphasis on WG AOPs rather than cross-cutting initiatives
- The need for a consistent mechanism to handle special TCTF budget requests
- Some (actually one) Member(s) no longer allowed to attend “Workshop” and a change of name may also be required

RE-THINK AND RE-FOCUS

- TC Members to discuss and regularly review the objectives and emphasis of initiatives and projects (e.g. climate change issues, multi-hazard approach, risk-based forecasts and impact-based warnings) to be pursued with reference to the Strategic Plan and KRAs.
- AWG (with the participation of WG and TRCG Chairs) to focus and set the priority in the planning, implementation and review of **Cross-cutting Integrated Projects (CIP)** under special budget request of TCTF funds.
- WGs and TRCG to manage respectively their own specific AOPs under a block allocation of TCTF funds under the regular budget.

THE PROCESS OF ESTABLISHING CIP

- Proposals for establishing CIP to be submitted for discussion at PIES or TC Session. CIP proposals can also evolve or come from AOPs of WGs if such projects start to cut across components in scope and reach out to more Members in depth.
- If provisionally accepted at TC Session, TCS specialist(s) will be assigned to coordinate discussion among WGs, to undertake resource assessment, and to solicit Members' feedback and facilitate Members' participation during the inter-sessional period.
- Subject to review and discussion by AWG at PIES, proposed CIP will be included for special budget allocation, programme planning and proposed appointment of "project manager" (either appointed internally among Members or WGs, or externally on a "voluntary" or "contractual" basis).
- CIP to be formally endorsed at the following TC Session.

PROJECT IMPLEMENTATION & EVALUATION SEMINAR (PIES)

- Proposed name change: from IWS to PIES (S for "Seminar" or "Symposium", on the understanding all Members have no difficulties attending such events).
- IWS12 in late 2017 to be the last one in the series; PIES1 to kick off in late 2018.
- TRCG Planning Meeting and Forum will be organized in conjunction with PIES every four years; i.e. the first joint event will be PIES4 + 4th TRCG Forum in late 2021.
- Typical PIES format:
 - Day 1 – CIP technical presentations and project managers' progress reports
 - Day 2 – CIP planning, implementation and evaluation
 - Day 3 – WG parallel meetings
 - Day 4 – WG parallel meetings / WG reports and wrap-up discussion
 - Day 5 – AWG meeting

Proposed 3rd TRCG Forum

According to TRCG 4-year plan, the 3rd TRCG Forum is originally scheduled to be held in late 2017 during the 12th IWS (to be held in Jeju, Republic of Korea).

To celebrate the 50th anniversary of the Typhoon Committee in 2018, after discussing with AWG and TCS, it is proposed to consider holding the 3rd TRCG Forum instead in the form of a “TECO-like” event back-to-back with the 50th Session of the Typhoon Committee (TC50).

AWG explored with Viet Nam, the host of TC50, on this possibility and received a positive response. The tentative plan is to organize the joint events in Ha Noi in early 2018 (tentatively between late January and early February).

TRCG proposed the overarching theme of the 3rd TRCG Forum as:

Embracing new technologies and information to face the challenges of the 21st Century

Proposed 3rd TRCG Forum

Under this overarching theme, leading experts, academics and researchers will be invited to share and discuss with the participants their perspectives and research findings on various topics under the following 3 sub-themes:

(I) Embracing new technologies and research findings

- This session will review and discuss research findings and outcomes for advancing tropical cyclone monitoring and forecasting techniques, including satellite analysis, extended range predictions, NWP and ensemble prediction systems, etc., as well as new technologies in the processing of information (including BigData) and the communication of forecasts and warnings.

(II) Moving towards risk-based forecasts and impact-based warnings

- Riding on the upsurge of social media and Big Data analytics in recent years, this session will identify and discuss the opportunities and challenges in the development of risk-based forecast products and impact-based warning services in support of DRR effort through stakeholder engagement.

(III) Facing the challenges arising from the changing climate

- To prepare for the future climate, this session will review the plausible impacts of climate change on various aspects of tropical cyclone activity and related DRR challenges in the region.

Proposed 3rd TRCG Forum

Proposed arrangement:

- (1) A two-day “TECO-like” event, **to be named as “TC50 TECO”**, before the TC50 Session.
- (2) 8-10 invited speakers on the **Sub-themes (I) to (III)** with breakout group discussion.

Special Thematic Forum for TC50

At the AWG meeting in Cebu on 28 October, it was also agreed to propose holding a Special Thematic Forum, originally proposed by TRCG Chair in conjunction with TC50 TECO, on Day 1 of TC50 Session:

“From a half-century of collaboration to the challenges of the 21st century”

- Veterans of Typhoon Committee will be invited to reflect on the collaboration and achievement of the Typhoon Committee in the past few decades and to share their wisdom on the future perspectives and directions of the Typhoon Committee.
 - Senior government officials and donor organizations will also be invited to attend a special panel discussion to promote TC’s ideals and objectives, and to look forward to some strategic development within the region.
- (1) 3-4 invited keynote presentations on **Special Theme** and a panel discussion involving about 6-7 veterans of Typhoon Committee.
 - (2) A high-level meeting of senior government officials to discuss long term strategies and collaborations in tropical cyclone related emergency response and DRR in the region.

Tentative Programme and Estimated Cost

- (1) Tentative Programme:
 Monday – TC50 TECO (Day 1)
 Tuesday – TC50 TECO (Day 2)
 Wednesday – TC50 Session (Day 1): Opening and Special Thematic Forum
 Thursday – TC50 Session (Day 2)
 Friday – TC50 Session (Day 3)
 Saturday – TC50 Session (Day 4): Closing
- (2) Initial estimate of an additional cost of about **USD 60,000** for organizing TC50 TECO and the Special Thematic Forum on Day 1 of TC50 Session.

Draft breakdown of the additional cost for organizing TC50 TECO and the Special Thematic Forum on Day 1 of TC50 Session

Description	DSA per day in Hanoi, Viet Nam (USD)	No. of Days	Total per person (USD)	Estimated No. of Lecturers (USD)	Grand Total (USD)
Per diem for 8-10 lecturers of TC50 TECO	180	3	540	10	5,400
Air ticket for lecturers of TC50 TECO*				10	9,500
Per diem of panelists and speakers for Special Theme Forum on Day 1 of TC50	180	3	540	10	5,400
Air ticket for panelists and speakers of Special Theme Forum**				10	8,500
Per diem of Ministers for High Level Meeting on Day 1 of TC50	250	2	500	8	4,000
Air ticket for Ministers of High Level Meeting***				8	18,500
Rental of Venue (USD3000 per day)		2			6,000
Rental of Projector (USD550 per day)		2			1,100
Stationary/Decoration/Misc.					1,600
Total estimation					60,000

* assume Econ class, 3 from USA/Australia/EU, 3 from Japan/Korea and 4 from other TC members

** assume Econ class, 2 from USA, 3 from Japan/Korea and 5 from other TC members

*** assume Business Class, 1 from USA, 2 from Japan/Korea and 5 from other TC members

Attachment 3 to AWG Annual Report 2016

Celebrating 50 Years of ESCAP/WMO Typhoon Committee

ESCAP/WMO Typhoon Committee
50th Anniversary Typhoon Committee
Planning Events

Among Members

- Create an Anniversary Logo and tagline. (contest of logo creation between Members)

Among Members

- Produce a photo book Legacy of 50th years of TC (asking Members to collect photos over the 50th years, go through old storage cases for photos, old brochures, etc. Interview some key people of TC)

Among Members

- Produce small videos/animation of 50th Years of TC (based on photos/wording and to be posted on website and social media). Around 30 seconds of each (5-8)

Connecting with Community

- Photo Contest related to the Metro, Hydro, DRR. Best winning photo to win a prize on each category.
- Prize winner: Money? Plaque? Trip to 50th Anniversary Dinner in VietNam?

Connecting with Community

- Exhibition of the photo contest at Vietnam Session

Celebrating 50th

- 50th Anniversary Dinner at 50th TC Session with Theme = "Golden Anniversary"
- Fund raising Gala Dinner? Sponsors?

Celebrating 50th

- 50th Anniversary Dinner Gifts

- Presentation of winning 50th logo
- Presentation of Photo book Album
- Award of Photo Contest

Budget for T50 gifts

No.	Items	No. of Items	Unit Cost	Total in USD
1	Mugs (minimum 2000 units)	1000	\$2.50	\$2,500.00
2	Pins	100	\$0.63	\$63.00
3	Luggage Tag (minimum 500 units)	500	\$1.875	\$937.50
4	Memo Pad (minimum 2000 units)	1000	\$1.25	\$1,250.00
5	Gift (minimum 500 units)	500	\$1.875	\$937.50
6	Ball Pen (minimum 1000 units)	1000	\$0.25	\$250.00
7	Travel Kit (\$17.00 (P), \$60.20 (R), \$75.00 (L))	10	\$60.20	\$602.00
8	Wooden Plaque (5" x 7")	10	\$62.50	\$625.00
9	Crystal Trophy	10	\$62.50	\$625.00
10	Go Bag	10	\$6.25	\$750.00
11	Photo book Legacy of 50th years of TC	200	\$10.00	\$2,000.00
12	Permit	100	\$0.20	\$20.00
13	Journal Cost for sending the souvenir to Host Member	1	\$1,000.00	\$1,000.00
				\$0.00
				\$0.00
	Total	4,951		\$13,844.50

Budget for TC50

Description	Unit	USD
Mugs	1000 (min)	2.50

Description	Unit	USD
Pins	1	0.63

Budget for TC50

Description	Unit	USD
Luggage Tag	500 (min)	1.875
Memo Pad	1000 (min)	1.25

+ Budget for TC50



Description	Unit	USD
USB	100 (min)	1.875



Description	Unit	USD
Ball Pen	1000 (min)	6.25

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+ Budget for TC50



Description	Unit	USD
Silver Plates		
6"	1	37.50
8"	1	62.50
10"	1	75.00



Description	Unit	USD
Wooden Plaque (5"x 7")	1	62.50

14

+ Budget for TC50



Description	Unit	USD
Crystal Trophy	1	62.50



Description	Unit	USD
Eco Bags	1	6.25

15

+ Budget for TC50



Description	Unit	USD
Photo book Legacy of 50th years of TC	1	35.00



Description	Unit	USD
Certificate	1	0.20

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Attachment 4 to AWG Annual Report 2016

Proposed TCTF Budget for 2017

Item	By Group	2016	2016	2017
		Allotment	Estimated Spent upto 31 Dec2016	Proposed
1 Support to TCS for Annual Session, Integrated Workshop, ESCAP Session, PTC Session and other activities related to resource mobilization and representation at international meetings	TCS	28,000	28,000.00	28,000
2 Support and Organization of the Integrated Workshop (USD3,000.00 for host member and USD2,000 for others)	TCS	5,000	3,260.46	5,000
Subtotal (TCS)		33,000	31,260.46	33,000
3 Support to attend Integrated Workshop (IWS) and other activities (AWG, TRCG, WGM, WGH, WGD RR)	ALL WGS			50,000
Subtotal (TOTAL WGS)				50,000
4 Support for attachment of three (3) forecasters to RSMC Tokyo – Typhoon Center	TRCG	7,500	7,500	7,500
Roving Seminar and Training Activities	TRCG	15,500	14,239.16	
Subtotal (TRCG)		23,000	21,739.16	7,500
Support to attend Integrated Workshop (IWS) and other activities	WGM	10,000	13,948.53	
5 Verification of tropical cyclone operational forecast	WGM	3,000	3,000.00	5,000
6 Publication of Tropical Cyclone Research and Review	WGM	5,000	4,200.00	5,000
7 Development of regional radar network	WGM	4,000	4,000.00	6,000
8 Technology transfer of the Typhoon Analysis and Prediction System (TAPS)	WGM	5,000	2,798.00	5,000
Subtotal (WGM)		27,000	27,946.53	21,000
Support to attend Integrated Workshop (IWS) and other activities	WGH	10,000	8,906.97	
9 Support activities related to OSUFFIM	WGH	6,000	6,000.00	6,000
Support activities related to Xin'anjiang Model Application	WGH	3,000	3,000.00	
Support review the English version of guideline and seminar of extreme flood management linked with 5th WGH meeting	WGH	5,000	5,000.00	
10 Support publishing two technical reports of AOP2 Extreme flood forecasting system and AOP6 Guidelines for extreme flood risk management in TC region.	WGH			5,000
11 Support hosting AOP 6 Guidelines for extreme flood risk management in TC region seminar with hosting 6th WGH working meeting.	WGH			3,000
Subtotal (WGH)		24,000	22,906.97	14,000
Support to attend Integrated Workshop (IWS) and other activities	WGD RR	10,000	8,692.67	
International Corporation Project (Community Based Weather Stations Pilot Project)	WGD RR	5,000	-	
12 WGD RR Expert Mission	WGD RR	5,000	1,302.20	6,000
13 Promote international cooperation DRR project	WGD RR			7,500

Proposed TCTF Budget for 2017

Item	By Group	2016	2016	2017
		Allotment	Estimated Spent upto 31 Dec2016	Proposed
14	Benefit evaluation of Typhoon Disaster Prevention and Preparedness Project	WGDRR		5,000
15	Making the Educational Videos	WGDRR		3,000
Subtotal (WGDRR)			20,000	9,994.87
	Support to attend Integrated Workshop (IWS) and other activities	AWG	3,000	3,160.00
Subtotal (AWG)			3,000	3,160.00
TOTAL			130,000	117,007.99
Proposed Total Budget				147,000
Special Request Budget for WGs				
	Experiment of EXOTICCA (Experiment on Typhoon Intensity Change in Coastal Area)	WGM	5,000.00	-
	Editorial Board Meeting	WGM	5,000.00	2,804.71
16	OC meeting (workshop) for Experiment on Typhoon Intensity Change in Coastal Area)	WGM		5,000
17	Expert Team Meeting for TCRR	WGM		5,000
18	Development of tropical cyclone forecast competency	WGM		15,000
19	To support organizing the proposed 3-day workshop/training course in SYS University, Guangzhou, China at the end of 2017	WGH		6,000
20	Support and organize TC50 TECO in 2018	TRCG		60,000
21	Support and organize activities for TC50 in 2018	TCS		20,000
Subtotal for Special Request Budget (WGs)			10,000	2,804.71
TOTAL			140,000.00	119,812.70
Proposed Total Budget				258,000
Any other emergency expenditure that can be justified for the use of the TCTF requires the concurrence of both the TCS Secretary and the Typhoon Committee Chairman. In this regard, emergency expenditure can only be executed if savings are realized elsewhere.				

By Group	2016	2016	2017
	Allotment	Estimated Spent upto 31 Dec2016	Proposed
TCS	33,000.00	31,260.46	33,000.00
ALL WGS	-	-	50,000.00
TRCG	23,000.00	21,739.16	7,500.00
WGM	27,000.00	27,946.53	21,000.00
WGH	24,000.00	22,906.97	14,000.00
WGDRR	20,000.00	9,994.87	21,500.00
AWG	3,000.00	3,160.00	-
TOTAL	130,000.00	117,007.99	147,000.00

Proposed TCTF Budget for 2017

Item	By Group	2016	2016	2017
		Allotment	Estimated Spent upto 31 Dec2016	Proposed
Plus				
Special Request Budget for WGs		10,000.00	2,804.71	111,000.00
Total		10,000.00	2,804.71	111,000.00
Total Proposed Budget plus Special Request Budget in 2017				258,000.00
Grand Total		140,000.00	119,812.70	