




TRCG Report and Plans

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On behalf of T C Lee (TRCG Chair)


Training & Research Coordination Group (TRCG)

Bangkok, Thailand
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TRCG Activities in 2014 (up to October 2014)

- Roving Seminar 2014
 - Forecasters' Training Attachment
 - Research Fellowship Scheme
 - SSOP Training Workshop
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ESCAP/WMO Typhoon Committee Roving Seminar 2014

Warning Communication

3-5 November 2014, Hong Kong, China



The Typhoon Committee will be held on 3-5 November 2014 in Hong Kong, China, with the tagline of “**Warning Communication**”

Topic A – Effective early warning systems and risk communications
(Mr Chip Guard from NOAA)

Topic B – Media liaison and crisis management for Disaster Risk Reduction
(Mr Ahmed Nadeem from Asia-Pacific Broadcasting Union)

Topic C – Warning communication strategies in the era of web technology and social media - Hong Kong Experience
(Ms M K Song and Mr K L Lee from Hong Kong Observatory)

Forecasters' Training Attachment

The 14th Attachment Training course was successfully held at JMA Headquarters from 23 July to 1 August 2014.

- The number of trainees from 2 to 3
- Attended by forecasters from Lao PDR, Malaysia and the Philippines



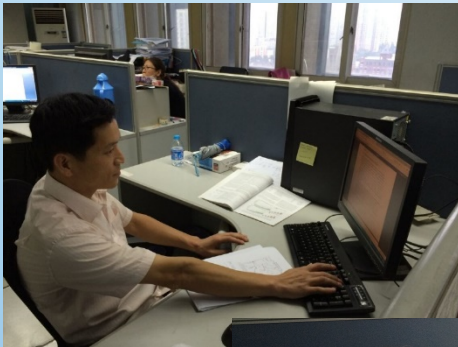
Research Fellowship Scheme (1)

- China, Republic of Korea and Hong Kong, China and generously offered fellowships for TC Members in 2014

Optimizing typhoon forecast using Typhoon Analysis and Prediction System (TAPS) and separate researches (typhoon-mid latitude pressure system interaction, study on the typhoon recurvature and moving speed, and study on the relationship between the central pressure and maximum sustained winds for typhoon)	Ms. Bai Lina (China) Mr. Nguyen Tung Thanh (Vietnam) Mr. Juanito S. Galang (The Philippines)♪	Korea Meteorological Administration	1 May – 30 June 2014
Tropical Cyclone Genesis Forecast Technique	Mr. Boonthum Tanglumlead (Thailand)♪	Shanghai Typhoon Institute	1 Jul – 31 Aug 2014
The utilization of ECMWF products in detecting storm tracks over the North Western Pacific	Mr Pak Sang Il and Mr Song Yong Chol (DPR Korea)♪	Shanghai Typhoon Institute	1-30 Sept 2014
Nationwide Nowcast of Tropical Cyclone Rainfall	Mr Evan James K. Carlos (The Philippines)♪	Hong Kong Observatory	6 Oct – 5 Dec 2014

Research Fellowship Scheme (2)

- As a part of WGM Annual Operating Projects with WGH, a two-week training on QPE/QPF was included in the Research Fellowship programme offered by Hong Kong, China in 2014
- Two papers were also published in 2013-2014 based on the research findings of the previous fellowship schemes.



(Experts from PAGASA (left), CMA (top) and NMHS Viet Nam visiting KMA)

(Experts from SHMA, DPR Korea (top) and TMD (bottom) visiting STI, CMA)

SSOP Training Workshop

- The Training Workshop on Synergized Standard Operating Procedures (SSOP) for Coastal Multi-Hazards Early Warning System was conducted in the WMO RTC Nanjing, China, on 9-11 June 2014.
- Attended by 33 participants, including decision-makers, disaster managers, media professionals, and warning issuers, from the beneficiary countries: Bangladesh (4); China (3); India (1); Lao PDR (1); Malaysia (1); Maldives (4); Myanmar (4); Pakistan (3); Philippines (3); Sri Lanka (2); Thailand (4); Viet Nam (2).
- Came up with a number of recommendations for the elaboration of Standard Operating Procedures (SOPs) for EWS

TRCG Future Activities

Roving Seminar

- The new arrangement in Roving Seminar introduced in 2014 will be continued during the current 4-year plan.
- Proposed theme for 2015 is “Flash Flood and Landslides”, to be held in Lao PDR (subject to further confirmation by the host)

RSMC Training Attachment

- According to the decision in the 46th Session, forecasters from Cambodia, Thailand and Viet Nam will be invited to participate in the RSMC-Tokyo training attachment in 2015.
- The training attachment arrangement in 2016-17 is being developed in consultation with WMO TCP and RSMC-Tokyo. The proposed plan will be circulated to TRCG Members for comment and then submitted to the 47th Session for consideration & approval.
- Proposed to increase the TCTF support from USD6000 to **USD7500 in 2015** taking into consideration of the cost of living in Tokyo in recent years.

Training and Research Coordination Group (TRCG) Annual Operating Plan 2015

Objective Number	KRA / SG	Objective	Action	Other WGs Involved	TCS Responsibility	Expected Quarter Completed	Other Organizations Involved	Success Indicators	Funding Required	Funding Sources
1	KRA 6 / SG 6b and 6c	To: (a) implement training initiatives in the priority operational and research areas as identified in the TRCG annual report; and (b) enhance Members' capability and capacity in the assessment of damage and pre-assessment of potential impact caused by landfalling TCs	Roving Seminar [with themes on flash flood and landslides]	WGDRR	Provision of administrative and logistic support.	3rd or 4th	-	Feedback from evaluation forms to be completed by a target audience of about 30 people.	USD 14,000	TCTF
2	KRA 6 / SG 6b and 6c	To facilitate technology transfer among TC Members through research and development initiatives.	Research Fellowship	WGM, WGH and WGDRR	Provision of administrative and logistic support.	2nd - 4th	TC Members	Publication of research findings and development output in TCRR or other journals.	Fellowship offered by voluntary hosts.	TC Members
3	KRA 6 / SG 6b and 6c	To enhance TC Members' capacity and knowledge in operational tropical cyclone forecasting.	Attachment of 3 forecasters (Cambodia, Thailand and Viet Nam) to RSMC Tokyo	nil	Provision of administrative and logistic support.	3rd	RSMC Tokyo, WMO	Assessment as given in RSMC Tokyo report.	USD 7,500	TCTF

TRCG Work Plans (2016 – 2017)

Year	Quarter	Typhoon Committee Activity	Training and Research Activities (*activities organized by parties other than TRCG)	Themes (if any) / Remarks
2016	Q1	TC-48		
	Q2		Research Fellowship	
	Q3		RSMC Tokyo attachment*	To be confirmed with WMO and RSMC Tokyo
			Research Fellowship	
	Q4	11 th Integrated Workshop	Research Fellowship	
			Roving Seminar	Proposed to be in Viet Nam with themes on “storm surge”
2017	Q1	TC-49		
	Q2		Research Fellowship	
	Q3		RSMC Tokyo attachment*	To be confirmed with WMO and RSMC Tokyo
			Research Fellowship	
	Q4	12 th Integrated Workshop	Research Fellowship	
			3 rd TRCG Forum / Meeting	Proposed to be in China (Shanghai) with themes to be confirmed

The background is a light blue gradient. It is decorated with numerous water droplets of various sizes. Some droplets are large and prominent, while others are small and subtle. They are scattered across the frame, with a higher concentration in the top-left and bottom-right corners. Each droplet has a realistic 3D appearance with highlights and shadows.

THANK YOU