

**SUMMARY OF TYPHOON COMMITTEE ROVING SEMINAR 2009  
(Nanjing, China, 16 - 19 November 2009)**

**I. Organization**

1. The Eighth Roving Seminar of the Typhoon Committee was held at the WMO RTC Nanjing at the Nanjing University of Information Science & Technology (NUIST) in Nanjing, China on 16 - 19 November 2009. It was organized with the generous support of WMO Public Weather Services Programme, Tropical Cyclone Programme and the Typhoon Committee Trust Fund.
2. It was attended by a total of 14 participants: two each from DPR Korea; Philippines; Republic of Korea; Thailand and Viet Nam; and one each from Hong Kong, China; Macao, China; Malaysia and Singapore. The list of participants is given in Attachment A.

**II. Opening**

1. The TC Roving Seminar was declared open by Prof. ZHI Xiefei, Deputy Director of RTC Nanjing at the NUIST on 16 November 2009.
2. Mr. Derek LEONG, Meteorologist of the Typhoon Committee, delivered the opening message addressing the significance of the Seminar and also expressing his appreciation to CMA, RTC Nanjing and the resource persons.
3. Prof. ZHI Xiefei, Deputy Director of RTC Nanjing, delivered the welcoming message, expressing RTC's strong support to various WMO training activities and his appreciation to the resource persons as well as TCS.

**III. Seminar Programme**

1. Mr. S.T. CHAN of HKO presented Topic A on "Analysis and forecasting of high-impact weather associated with tropical cyclones".
2. Mr. Chip GUARD of NOAA presented Topic B on "Formulation and compilation of tropical cyclone warning messages".

3. Mr. Sam MUCHEMI of WMO presented Topic C on “Communication and broadcasting of tropical cyclone warning messages through the mass media”, including studio sessions for on-camera presentation skills.
4. The Roving Seminar programme can be found in Attachment B.

#### **IV. Proposals and Recommendations**

1. The participants gave a warm appreciation to the three resource persons for their outstanding presentations, which provided the participants with new insight on the topics discussed.
2. Most participants felt that skills and knowledge learnt would lead to operational benefits in their services within the next five years. Feedbacks and recommendations collated from the participants are summarized in Attachment C.
3. Suggestions from the resource persons for future reference: (a) selection of participants with relevant background and reasonable mastery of English to facilitate the training process; (b) satellite analysis topics including hands-on training; (c) synoptic and mesoscale analyses for tropical cyclone predictions; (d) skills in briefing the disaster community; and (e) nowcasting and very short range forecasting of tropical cyclone rainfall.

#### **V. Closing**

1. The resource persons and participants expressed their gratitude and appreciation to the CMA and NUIST for the successful hosting of the Roving Seminar and for their warm hospitality.
2. The closing remarks were given by Prof. ZHI Xiefei, Deputy Director of RTC Nanjing, followed by the presentation of attendance certificates to the participants.
3. The Roving Seminar was closed on 19 November 2009.

**Roving Seminar 2009 held in RTC Nanjing on 16 – 19 November 2009**

<b>Member</b>	<b>Name of Participants</b>
DPR Korea	Mr. CHOE Kwang Kuk
DPR Korea	Mr. HWANG Chol Ho
Hong Kong, China	Mr. WONG Tak-kan
Macao, China	Mr. LEE In Tai
Malaysia	Mrs. Norjana Binti JAMAL
Philippines	Mr. Renito B. PACIENTE
Philippines	Mr Salvador Eleuterio B. JAVIER
Republic of Korea	Mr. HAN Sanghyun
Republic of Korea	Mr. CHOO Gyomyung
Singapore	Mr. ZHENG Zhi Hua
Thailand	Ms. Sugunyane YAVINCHAN
Thailand	Dr. Chalump OONARIYA
Viet Nam	Ms. DO Le Thuy
Viet Nam	Mr. HOANG Phuc Lam
<b>Resource Person</b>	<b>Mr. S. T. CHAN</b>
<b>Resource Person</b>	<b>Mr. Chip GUARD</b>
<b>Resource Person</b>	<b>Mr. Samuel MUCHEMI</b>
<b>TCS</b>	<b>Mr. LEONG Kai Hong, Derek</b>

### Schedule for Typhoon Committee Roving Seminar 2009

<b>Time and Date</b>	<b>Topic</b>	<b>Lecturer or Resource Person</b>	<b>Venue</b>
<b>Nov. 16 (Monday)</b>			
08:30-10:00	Analysis and forecasting of high-impact weather associated with tropical cyclones (Part 1)	S.T. Chan	RTC Classroom
10:30-12:00	Formulation and compilation of tropical cyclone warning messages (Part 1)	Chip Guard	RTC Classroom
14:00-15:30	Analysis and forecasting of high-impact weather associated with tropical cyclones (Part 2)	S.T. Chan	RTC Classroom
16:00-17:30	Formulation and compilation of tropical cyclone warning messages (Part 2)	Chip Guard	RTC Classroom
18:00-19:30	Welcome Banquet	Zhi Xiefei	Nanqi Hotel
<b>Nov. 17 (Tuesday)</b>			
08:30-12:00	Group A: Communication and broadcasting of warning messages, including on-camera presentation skill	Sam Muchemi	RTC Classroom
08:30-10:00	Group B: Analysis and forecasting of high-impact weather associated with tropical cyclones (Part 3)	S.T. Chan	RTC Classroom
10:30-12:00	Group B: Formulation and compilation of tropical cyclone warning messages (Part 3)	Chip Guard	RTC Classroom
14:00-17:30	Group A: Communication and broadcasting of warning messages, including on-camera presentation skill	Sam Muchemi Zhu Jinjun	RTC Classroom
14:00-15:30	Group B: Tutorial and Practice on the Topic: Analysis and forecasting of high-impact weather associated with tropical cyclones	S.T. Chan	RTC Classroom
16:00-17:30	Group B: Tutorial and Practice on the Topic: Formulation and compilation of tropical cyclone warning messages	Chip Guard	RTC Classroom

<b>Nov. 18 (Wednesday)</b>				
	08:30- 12:00	Group B: Communication and broadcasting of warning messages, including on-camera presentation skill	Sam Muchemi Wang Yong	RTC Classroom
	08:30- 10:00	Group A: Analysis and forecasting of high-impact weather associated with tropical cyclones (Part 3)	S.T. Chan	RTC Classroom
	10:30- 12:00	Group A: Formulation and compilation of tropical cyclone warning messages (Part 3)	Chip Guard	RTC Classroom
	14:00- 17:30	Group B: Communication and broadcasting of warning messages, including on-camera presentation skill	Sam Muchemi	RTC Classroom
	14:00- 15:30	Group A: Tutorial and Practice on the Topic: Analysis and forecasting of high-impact weather associated with tropical cyclones	S.T. Chan	RTC Classroom
	16:00- 17:30	Group A: Tutorial and Practice on the Topic: Formulation and compilation of tropical cyclone warning messages	Chip Guard	RTC Classroom
<b>Nov. 19 (Thursday)</b>				
	08:30- 12:00	Visits to JMB forecast office and TV centre	Wang Yong Sam Muchemi Xue Xiaojuan	JMB
	14:00- 17:00	Local Tour		
	18:00- 19:30	Farewell Banquet	Zhi Xiefei	Nanqi Hotel

Note:

RTC = WMO Regional Training Centre, Nanjing

JMB = Jiangsu Meteorological Bureau

Participants will be divided into two groups (Group A and B) for interchange of classrooms (Topic A and B lectures) and studio training (Topic C on-camera skill).

**TRCG ACTIVITIES EVALUATION FORM**

Roving Seminar 2009  
(Nanjing, China, 16 – 19 Nov 2009)

**16 responses (out of 14 participants + 3 resource persons)  
(not all questions answered by responders)**

**Part A: Event Logistics**

<i>Expectation levels as indicated number of responders</i>	Below expectation ☹		Met expectation ☺		Exceeded expectation ☺	
	P	R	P	R	P	R
	<i>(P = participants; R = resource persons)</i>					
1. Overall administration/organization	0	0	10	1	3	2
2. Pre-event arrangement and liaison	0	0	8	1	5	2
3. Venue facilities	0	0	7	0	6	3
4. Informative announcements and instructions	5	0	4	1	4	2
5. Travel arrangements	1	0	5	2	7	1
6. Funding arrangements	0	0	8	1	5	2
7. Accommodation	3	0	9	2	1	1
8. Refreshments	0	0	10	1	3	2
9. Social events and visitors' information	2	0	7	3	4	0
10. Helpfulness and friendliness of organizers	0	0	7	0	6	3

**Specific points for improvement, if any:**

More information and instructions (route to venues, accommodation, meals, travel, etc.)

Insufficient heating at the guesthouse given the extremely cold weather and lack of internet connectivity in classrooms

Room for improvement in terms of food (menu), refreshment (drinking water), accommodation, bus arrangement and payment method (such as credit card service)

Informing participants the weather forecast before the course by email

The course duration is too short (should be 5 days) for elaboration on some of the topics, especially the different models & websites that are to be used.

## Part B: Technical Contents (from participants only)

A – Lectures/tutorials by S.T. Chan  
 B – Lectures/tutorials by Chip Guard  
 C – Studio workshops by Sam Muchemi

A	B	C
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Interest in Topic (1 to 5 ; from disinterested to most interested)			
Topic Contents (1 to 5 ; from irrelevant to topic to most relevant)			
Topic Organization (1 to 5 ; from loosely structured to well-structured)			
Lecture/Workshop Presentation (1 to 5 ; from poor to excellent)			
Training or Practical Material (1 to 5 ; from ill-prepared to well-prepared)			
Language (1 to 5 ; from hard to understand to easy to follow)			
Effectiveness (1 to 5 ; from little understanding gained to much understanding gained)			

Objectives and Scope (L = too narrow; M = just right; R = too wide)			
Emphasis (L = too theoretical; M = just right; R = too practical)			
Length (L = too short; M = just right; R = too long)			
Technical level (L = too elementary; M = just right; R = too difficult)			

## Part C: Follow-ups (from participants only)

1. What operational benefits (new ideas, skills or methodology) you think would be gained from your attendance in the event?

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| <ul style="list-style-type: none"> <li>- TC track forecast and analysis skills</li> <li>- media communication/presentation/broadcasting skills (especially for TC)</li> <li>- warning message, analysis &amp; forecasting of high impact weather associated with TC</li> <li>- TIPS system, including use and interpretation of EPS</li> </ul> |
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2. Any foreseeable opportunity for operational implementation of the above benefits?

Answer: Yes, benefits likely to be felt in about

(a) a couple of years or less	4
(b) in 2 – 5 years	4
(c) in 5 years or more	0

(d) no foreseeable opportunity 0



Seminar participants, resource persons and local organizers taken after the closing ceremony



Visit to the Jiangsu Meteorological Bureau



