

SUMMARY OF TYPHOON COMMITTEE ROVING SEMINAR 2010
(Ubon Ratchathani, Thailand, 30 Nov – 3 Dec)

I. Organization

1. The Roving Seminar 2010 was held at the Sunee Grand Hotel and Convention Center in Ubon Ratchathani, Thailand on 30 Nov – 3 Dec. It was organized with generous support by the Thai Meteorological Department and the Typhoon Committee Trust Fund. The general theme was on tropical cyclone genesis and large scale interaction.
2. It was attended by 10 participants from Cambodia; Hong Kong, China; Lao PDR; Macao, China; Malaysia, Philippines, Singapore and Viet Nam; plus 15 local participants from Thailand.

II. Opening

1. The TC Roving Seminar was declared open by Mr. Thosakdi Vanichkajorn, Deputy Director-General, Acting Director-General of Thai Meteorological Department on 30 November 2010.
2. Mr. Surapol Saiphan, the Governor of Ubon Ratachathani Province delivered the welcoming speech in which he welcomed and wished all the participants a very successful training.
3. Mr. Derek Leong, Meteorologist of the Typhoon Committee, delivered the opening message addressing the significance of the seminar and also expressing his appreciation to the generous support of Thai Meteorological Department in hosting the seminar, the excellent arrangement of the Local Organizing Committee as well as the support from the resource persons.
4. Mr. Thosakdi Vanichkajorn, Deputy Director-General, Acting Director-General of TMD delivered the welcoming message, expressing TMD's strong support to Typhoon Committee training activities and his appreciation to the resource persons as well as TCS.

III. Seminar Programme

1. Mr. S.M. Lee (Hong Kong Observatory) presented Topic A on "Tropical cyclone genesis and seasonal prediction of cyclone activities".
2. Professor Zhang Qinghong (Peking University) presented Topic B on "Effects of tropical cyclone interaction with monsoon, with emphasis on enhanced rainfall".
3. Dr. Mark Lander (University of Guam) presented Topic C on "Tropical cyclone satellite analysis, including microwave images" and tutorial sessions.

IV. Proposals and Recommendations

1. The participants expressed a warm appreciation to the three resource persons for their outstanding presentations, which provided the participants with new insight on the topics discussed. They considered information relating to Dvorak techniques, moisture analysis for tropical cyclone genesis, interaction with monsoon, NWP and other methods for analyzing and predicting high impact weather such as heavy rainfall associated with tropical cyclones particularly useful. In their feedback, around 50% of the respondents felt that skills and knowledge learnt would lead to operational benefits in their services in the next 2 - 5 years; 25% indicated that it could be less than two years for potential applications; but then significantly the other 25% suggested that operational benefits within the next five years would be rather unlikely.
2. Suggestions from the resource persons for future reference include: (a) gathering of information on Members' needs in operational tropical cyclone forecasting; (b) more capacity building in best-track post analysis and severe weather forecasting and warning systems; and (c) meteorological and forecasting services should be given access to all data sources of satellite imagery products and numerical guidance.

V. Closing

1. The resource persons and participants expressed their gratitude and appreciation to the Thai Meteorological Department and the Local Organizing Committee for the successful hosting of the Roving Seminar and for their warm hospitality.
2. The closing remarks were given by Ms. Chongkolnee Yusabye, Director of Meteorological Development Bureau, followed by the presentation of attendance certificates to the participants.
3. The Roving Seminar was closed on 2 December 2010, and a post-seminar visit to the local meteorological facilities took place on 3 December 2010.




TRCG ACTIVITIES EVALUATION FORM

23 responses out of about 25 participants
Feedback from the three resource persons also included in Part A

(Note: not all questions answered by responders)

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Part A: Event Logistics

<i>Please tick the boxes to indicate how well your expectations were met</i>	Below expectation	Met expectation	Exceeded expectation
			
1. Overall administration/organization		10	16
2. Pre-event arrangement and liaison		11	15
3. Venue facilities	1	10	15
4. Informative announcements and instructions		9	16
5. Travel arrangements		12	14
6. Funding arrangements	1	10	14
7. Accommodation		8	18
8. Refreshments		15	11
9. Social events and visitors' information		9	17
10. Helpfulness and friendliness of organizers		4	22

Specific points for improvement, if any:

Internet access at hotels

Arrangement of air tickets for better values

Accessibility of venue

Funding to cover airport tax and local transport to/from airport

Similar duration for each topic

Handouts before or during seminar

Part B: Technical Contents

A – Lectures by S.M. Lee
 B – Lectures by Zhang Qinghong
 C – Lectures/tutorials by Mark Lander

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)			

4 Part C: Follow-ups

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

- Higher resolution mesoscale model and methodology for tropical cyclone QPF
- Dvorak technique
- Moisture analysis for TC genesis especially in SCS
- TC interaction with monsoon
- Enhanced weather analysis related to TC

2. Any foreseeable opportunity for operational implementation of the above benefits?

Answer: Yes, benefits likely to be felt in about

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|--------------------------------|----|
| (a) a couple of years or less | 5 |
| (b) in 2 – 5 years | 10 |
| (c) in 5 years or more | 4 |
| (d) no foreseeable opportunity | 1 |