

First Organizing Committee Meeting
Experiment of Typhoon Intensity Change in Coastal Area
(EXOTICCA)
9 October 2015
Shanghai Meteorological Service
Shanghai, China

FOR PARTICIPANTS ONLY
OC.1/2.2
24 October 2015
ENGLISH ONLY

EXOTICA Research Groups Start-Up Scheme

(draft)

ACTION PROPOSED:

The Organizing Committee is invited:

- (a) To endorse the recommendation on start-up scheme of RGs.
- (b) To endorse the recommendation on chief and vice-chief scientists.

EXOTICA Research Groups Start-Up Scheme

1. Chief and/or vice-chief scientists

The chief and/or vice-chief scientists of project EXOTICA, nominated by OC, under the guidance of the SSC and led by the OC, will be responsible for the implementation of the project and the work planning of the OC. The recommended chief and vice-chief scientists are:

Chief	LEI Xiaotu	CMA
Vice-chief	WONG Wai-Kin	HKO

2. Research groups

Five research groups (RGs) will be established: Field Campaign, Dynamic and Forecast Methods, Model Comparison, Hydrological (Inundation) Early Warning, and Disaster Assessment.

These five groups will be responsible for carrying out the respective research as led by the Chief and vice-chief scientists. Chair of each group will be nominated by participating Members of Typhoon Committee and the chief and vice-chief scientists of the project, and approved by the chief and vice-chief scientist. Members of each group will comprise the experts nominated by participating Members of Typhoon Committee, the Chief and vice-chief scientists, and the chair of the group, and approved by the group chair.

2.1 Field campaign

The Research Group on field Campaign (**RGC**) is responsible for joint observation of target typhoons and quality control over observation data to lay a sound basis for follow-up researches. It will start operation in 2015.

It is recommended that Dr. ZHAO Bingke (senior researcher of Shanghai Typhoon Institute) nominated by CMA serve as chair of this group, and Dr. ZHANG Jun (HRD hurricane observation and research expert) nominated by chief scientist serve as vice-chair of this group.

2.2 Dynamic and forecast methods

The Research Group on dynamic and forecast method (**RGF**) is responsible for carrying out researches on the mechanism and developing operational technologies for offshore Typhoon Intensity Change in Asia and the Pacific region.

It is recommended that Dr. T. C. LEE (Chair of TRCG/TC) nominated by HKO serve as chair of this group, and Dr. YU Hui (Deputy Director of STI) nominated by the CMA as vice-chair of this group.

2.3 Model comparison

The Research Group on Model comparison (**RGM**) is responsible for conducting key technological research on the application the offshore target typhoon observation data in the numerical model of the region. This group will start to operate in 2015 (or 2016).

It is recommended that Dr. CHEN Baode (STI Science Director) nominated by CMA serve as chair of this group, and Dr. Vijay TALLAPRAGADA (HWRF Team Leader) and ZHANG Xuejing (HRD) be invited to join as vice-chair of the group.

2.4 Hydrological (Inundation) early warning and Disaster assessment

The Research Group on Hydrological/inundation early warning (**RGH**) is responsible for conducting research on the impact of the land-falling typhoon intensity change on storm surge and regional inundation.

The Research Group on Disaster assessment (**RGD**) is responsible for conducting research on the impact of the land-falling typhoon disaster prediction and rapid change of typhoon intensity on typhoon disaster prevention and mitigation.

These groups will be established and start to operate in 2016 (or 2017).

Annex:

The recommended Research group members are:

Research Group on Field Campaign (RGC)	Chair	Dr. ZHAO Bingke (CMA)
	Vice-chair	Dr. ZHANG Jun (HRD)
	members	...
Research Group on dynamic & Forecast methods (RGF)	Chair	Dr. T.C. LEE (HKO)
	Vice-chair	Dr. YU Hui (CMA)
	members	...
Research Group on Model comparison (RGM)	Chair	Dr. CHEN Baode (CMA)
	Vice-chair	Dr. Vijay TALLAPRAGADA (NOAA) Dr. ZHANG Xuejing (HRD)
	members	...