



## WMO OMM

World Meteorological Organization  
Organisation météorologique mondiale  
Organización Meteorológica Mundial  
Всемирная метеорологическая организация  
المنظمة العالمية للأرصاد الجوية  
世界气象组织

### Secrétariat

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Our ref.: ETR/CRS-916

GENEVA, 16 September 2016

Annexes: 2 (available in English only)

Subject: International Workshop on the Use and Interpretation of Mesoscale Numerical Weather Prediction (NWP) for High-Impact Weather Forecasting, 5 to 9 December 2016, Hong Kong, China

Action required: For information and appropriate action, as necessary

Dear Sir/Madam,

I have been advised by the Permanent Representative of Hong Kong, China with WMO that an international workshop on the Use and Interpretation of Mesoscale Numerical Weather Prediction (NWP) for High-Impact Weather Forecasting will be held in Hong Kong, China, from 5 to 9 December 2016.

The workshop will introduce the recent developments in mesoscale NWP modelling. The techniques for post-processing and interpretation of NWP outputs for high-impact weather forecasting will also be introduced with a view to enhancing the capacity of NMHSs in the provision of weather forecast and warning services.

Forecasters and researchers involved in the development of NWP and/or high-impact weather forecasting applications are welcome to attend the workshop. Preference will be given to RA II Members, especially those participating in the Asian Consortium for Numerical Forecasts (ACNF), and participating countries of the WMO Severe Weather Forecasting Demonstration Project (SWFDP). The Hong Kong Observatory are prepared to offer up to 20 fellowships which cover tuition and per diem expenses. A brief description of the workshop is given in Annex 1.

Interested candidates are requested to complete the attached Participant Nomination Form in Annex 2 and return it directly to the Hong Kong Observatory to Mr Terence Kung (e-mail: [tkung@hko.gov.hk](mailto:tkung@hko.gov.hk); fax: +852 2375 2645; telephone: +852 2926 8319) **not later than 30 September 2016**.

Yours faithfully,

(W. Zhang)  
for the Secretary-General

To: Permanent Representatives (or Directors of Meteorological or Hydrometeorological Services) of Members of WMO (PR-6925)

cc: Hydrological Advisers to Permanent Representatives

**WMO VCP WORKSHOP ON THE  
USE AND INTERPRETATION OF MESOSCALE NUMERICAL WEATHER PREDICTION  
(NWP) FOR HIGH-IMPACT WEATHER FORECASTING**

**5-9 DECEMBER 2016**

**HONG KONG, CHINA**

**Objectives**

To introduce the recent developments in mesoscale modelling<sup>(Note 1)</sup>, post-processing techniques and interpretation of NWP outputs for high-impact weather with a view to enhancing the participants' capability in high-impact weather forecasting.

**Contents**

- i. Recent developments and international trends in mesoscale NWP;
- ii. Techniques for development of mesoscale modelling;
- iii. Post-processing techniques for high-impact weather forecasts;
- iv. Use and interpretation of model outputs for applications in high-impact weather forecasts;
- v. Introduction of ACNF web portal and community NWP models;
- vi. Sharing of experience from WMO Members; and
- vii. Practical sessions and discussions.

**Medium of instruction**

English

**Course Date**

5 to 9 December 2016

**Deadline for application**

The completed WMO Fellowship Nomination Form should be returned to the Hong Kong Observatory with a copy to the WMO Secretariat by **30 September 2016**.

**Places offered**

A maximum of 20 participants. Preference will be given to qualified applicants from RA II Members, especially those participating in ACNF and the WMO Severe Weather Forecasting Demonstration Project (SWFDP).

**Qualification of trainees**

- Trainees are required to be proficient in English;
- Trainees should have experience in weather forecasting and/or NWP development and model post-processing;
- Trainees are expected to have a role in high-impact weather forecasting in their NMHSs after training;

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Note 1: Including models available for RA II Members at the Asian Consortium for Numerical Forecasts (ACNF) website (<http://acnf.weather.gov.hk>) which was established by Resolution 6 (XIV-RA II) at the fourteenth session of Regional Association II (Asia), Tashkent, Uzbekistan, 5-11 December 2008.

- All trainees are required to provide the course organizer with feedback on the usefulness of the knowledge and skills acquired within 6 months after receiving the training, especially on how this knowledge and skills would be applied in their NMHSs;
- All trainees are encouraged to actively maintain technical exchange and communication with the organizer and among themselves after the training.

### **Fellowship**

- Tuition fee will be waived. Lodging will be provided, supplemented by a per diem allowance of HK\$180 per day;
- The costs of air passage and related insurance costs between Hong Kong, China and the home town of participants will have to be borne by the recipient WMO Members. In the event any Member is unable to meet the air passage costs, the Hong Kong Observatory is prepared to offer a limited number of air passages for those in need, on a case-by-case basis.

### **Insurance**

The course organizer does not hold any responsibility for compensation in the event of death, illness, injury or loss of property during the course period. The same applies to the duration of passage in the event the Hong Kong Observatory provides the air passages. Participants are therefore fully responsible for arranging life, health, and other forms of insurance as appropriate and necessary.

### **Enquiries**

Mr Terence Kung, Scientific Officer, Hong Kong Observatory, Hong Kong, China.  
E-mail: [tkung@hko.gov.hk](mailto:tkung@hko.gov.hk), fax: (852) 2375 2645, tel.: (852) 2926 8319.

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**PARTICIPANTS NOMINATION FORM**

**VCP Workshop on the Use and Interpretation of Mesoscale Numerical Weather Prediction (NWP) for High-Impact Weather Forecasting**

**Hong Kong, China**

**5-9 December 2016**

The Government of \_\_\_\_\_  
nominates the following candidate as a participant of the above workshop.

1. Family name (in capitals): \_\_\_\_\_

2. First name (in capitals): \_\_\_\_\_

3. Address: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

4. Date of birth: \_\_\_\_\_ Male ☐ Female ☐

Nationality: \_\_\_\_\_

Passport No.: \_\_\_\_\_

Date of issue: \_\_\_\_\_ Expiry date: \_\_\_\_\_

5. Qualifications (certificates, diplomas or degrees):

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6. Present position and brief description of duties:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

7. What roles or tasks will your participant be required to undertake after this workshop to enable your service to make the most of the opportunity to develop new knowledge and skills?

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8. Working language: \_\_\_\_\_

(Note: For applicants whose working language is not *ENGLISH*, this nomination form must be accompanied by English proficiency certification.)

9. Contact person in emergency:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

10. Financial assistance for travel required: Yes ☐ No ☐

11. I fully understand that the organizer does not hold any responsibility for compensation in the event of death, illness, injury or loss of property during the period of the workshop.

Permanent

Representative: \_\_\_\_\_ (Signature)

\_\_\_\_\_  
(Block letters)

Date: \_\_\_\_\_

To be completed and sent to reach the following address on or before **30 September 2016**:

Director of the Hong Kong Observatory  
(Attn: Mr Terence Kung, Scientific Officer)  
134A, Nathan Road  
Hong Kong, China  
Tel: +852 2926 8319 Fax: +852 2375 2645  
E-mail: [tkung@hko.gov.hk](mailto:tkung@hko.gov.hk)

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