



World Meteorological Organization
Organisation météorologique mondiale

Secrétariat

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Weather • Climate • Water
Temps • Climat • Eau

Notre réf.: ETR/CRS-1314

GENÈVE, le 23 mai 2014

Annexes: 2 (disponibles en anglais seulement)

Objet: Atelier international de formation sur l'assimilation des données et la prévision d'ensemble à moyenne échelle (Hong Kong, Chine, 1^{er}-5 décembre 2014)

Suite à donner: Pour information et mesures à prendre, le cas échéant

Madame, Monsieur,

Le Représentant permanent de Hong Kong, Chine, auprès de l'Organisation météorologique mondiale (OMM) m'a informée qu'un atelier international de formation sur l'assimilation des données et la prévision d'ensemble à moyenne échelle aurait lieu à Hong Kong du 1^{er} au 5 décembre 2014.

Cet atelier a pour objectif de présenter les récents progrès enregistrés dans le domaine des méthodes d'assimilation de données utilisées pour les modèles de prévision numérique, telles que celles mises à disposition des Membres de la Région II sur le site Web du consortium asiatique pour les prévisions numériques (ACNF). L'atelier portera aussi sur la mise en place d'un système de prévision d'ensemble à moyenne échelle visant à aider les Services météorologiques nationaux à fournir de meilleurs services climatologiques.

Il s'adresse au personnel chargé de la mise au point de techniques d'assimilation des données pour les modèles de prévision numérique ou les systèmes de prévision d'ensemble. La préférence sera donnée aux ressortissants de Membres de la Région II (Asie) et de pays participant au projet de démonstration concernant la prévision des conditions météorologiques extrêmes et au site Web de l'ACNF. L'atelier, qui se déroulera en anglais, est décrit dans ses grandes lignes à l'annexe I.

Les personnes intéressées sont invitées à remplir le formulaire d'inscription ci-joint (annexe II) et à le renvoyer directement à l'Observatoire de Hong Kong (par courriel à l'adresse tkung@hko.gov.hk ou par télécopie au numéro +852 2375 2645; téléphone: +852 2926 8319) au plus tard le **15 août 2014**.

Veuillez agréer, Madame, Monsieur, l'expression de ma considération distinguée.

(E. Manaenkova)
pour le Secrétaire général

Aux: Représentants permanents (ou directeurs des Services météorologiques ou hydrométéorologiques) des Membres de l'OMM (PR-6772)

cc: Conseillers en hydrologie auprès des représentants permanents

**WMO VCP Workshop on
Data Assimilation and Mesoscale Ensemble Forecasting
1-5 December 2014
Hong Kong, China**

Objective

To introduce the recent developments in data assimilation methodology for NWP models, such as those available for RAII Members at the Asian Consortium for Numerical Forecasts (ACNF) Website^(Note 1) and the implementation of a mesoscale ensemble forecasting system with a view to enhancing the provision of weather services.

Contents

- i. Introduction to synoptic and mesoscale data assimilation techniques;
- ii. Latest development of mesoscale assimilation techniques;
- iii. Interpretation and application of mesoscale ensemble forecasts;
- iv. Introduction of ACNF web portal and community NWP models;
- v. Numerical experiments using the ACNF community models;
- vi. Sharing of experience from WMO Members; and
- vii. Practical sessions and discussions.

Medium of instruction

English

Course Dates

1 to 5 December 2014

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 15 August 2014.

Places offered

A maximum of 20 participants. Preference will be given to qualified applicants from RAII Members, as well as participating countries of WMO SWFDP and ACNF.

Note 1:- The ACNF website (<http://acnf.weather.gov.hk>) was established by Resolution 6 (XIV – RAII) at the 14th session of Regional Association II (Asia), Tashkent, Uzbekistan, 5-11 December 2008.

Qualification of trainees

- Trainees are required to be proficient in English.
- Trainees should have relevant skills in information technology related to the running and development of NWP models.
- Trainees are recommended to have experience or strong interest in data assimilation techniques and/or ensemble forecasting.
- Trainees are expected to take a role in the development/set-up of data assimilation components of the NWP systems and/or ensemble forecasting systems to support weather forecasting activities in their NMHSs after training.
- All trainees are required to provide the course organizer with feedback on the usefulness of the knowledge, ACNF web portal, Community NWP Models and skills acquired within 6 months after receiving the training.
- All trainees are encouraged to actively maintain technical exchange and communication with the organizer, as well as each other, after successful completion of 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 training course organizer does not hold any responsibility for compensation in the event of death, illness or injury during the training period. The same applies to the duration of passage in the event that 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, fax: (852) 2375 2645, tel: (852) 2926 8319.

WORLD METEOROLOGICAL ORGANIZATION

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PARTICIPANTS NOMINATION FORM

**VCP Workshop on Data Assimilation and Mesoscale Ensemble Forecasting
Hong Kong, China, 1-5 December 2014**

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 ☐
Passport no.: _____
Date of issue: _____ Expiry date: _____

5. Qualifications (certificates, diplomas or degrees):

6. Present position and brief description of duties:

Note 1:- The ACNF website (<http://acnf.weather.gov.hk>) was established by Resolution 6 (XIV – RAI) at the 14th session of Regional Association II (Asia), Tashkent, Uzbekistan, 5-11 December 2008.

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, skills and work attitudes?

8. Working language: _____

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

9. Name and address of person to be notified in case of emergency:

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 training period.

Permanent

Representative: _____ (Signature)

(block letters)

Date: _____

To be completed and sent to reach the following address on or before **15 August 2014**:

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