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

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WEATHER CLIMATE WATER
TEMPS CLIMAT EAU

Réf.: 28343/2017-1.0 LCP

Notre réf.:   26176/2017/ETR/CRS-1417   27 juillet 2017

Annexes: 2 (disponibles en anglais seulement)

Objet: Cours international de formation sur la prévision numérique du temps
                      (Nanjing, Chine, 20 novembre – 1er décembre 2017)

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

Madame, Monsieur,

J'ai le plaisir de vous informer que la République populaire de Chine accueillera, du 20 novembre au 1er décembre 2017, un cours international de formation sur la prévision numérique du temps, au Centre régional de formation professionnelle (CRFP) de l'OMM établi à Nanjing.

Ce cours se compose de leçons théoriques et d'exercices pratiques qui aideront les participants à acquérir les principes de base de la prévision numérique du temps et de l'interprétation des produits correspondants. Les participants seront également mieux à même de mener des activités d'exploitation et de recherche en lien avec les prévisions météorologiques à courte et à moyenne échéance.

Le Gouvernement chinois renoncera à percevoir des droits de scolarité et pourra fournir, sur demande, un soutien de portée locale aux participants retenus. Pour de plus amples renseignements, vous trouverez ci-joint la note d'information sur le cours, ainsi que le formulaire de candidature.

Les candidats retenus sont priés de remplir le formulaire ci-joint, qui doit être approuvé par le représentant permanent de leurs pays respectifs, et de l'envoyer directement au CRFP de Nanjing, à l'adresse indiquée sur le formulaire, au plus tard le **1er octobre 2017**.

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

cc: Conseillers en hydrologie auprès des représentants permanents

INTERNATIONAL TRAINING COURSE ON NUMERICAL WEATHER PREDICTION
(Nanjing, China, 20 November - 1 December 2017)

ENROLMENT INFORMATION

International Training Course on Numerical Weather Prediction (NWP) is sponsored by China Meteorological Administration (CMA), and locally organized by WMO Regional Training Centre (RTC) Nanjing with Nanjing University of Information Science and Technology.

Course Description

This course is designed to help participants, through theoretical study and practice, to have a general view of the basic principles of Numerical Weather Prediction and interpretation of NWP products. It is also helpful to improve participants' ability in carrying out operational and research work for short and medium range weather forecasts, and in using advanced NWP models.

Expected Learning Outcomes

Participants are expected to be enabled to understand and master basic principles of numerical weather prediction and interpretation of NWP products, including operating NWP models, model dynamics, numerical methods, parameterization of sub-grid physical processes, data assimilation, atmospheric predictability and ensemble forecasting. They will be enabled to make verification and interpretation of NWP products, and operate weather research and forecasting model system.

Target Audience

Weather forecasters and those who are working in the field of weather forecasting, research, disaster risk management, and multi-hazard early warning.

Course Content

The training course will cover lectures on fundamentals of NWP and interpretation of NWP products, including NWP model structure and dynamics, physical-process parameterizations, model initial conditions and boundary conditions, data assimilation methods, interpretation of NWP products, predictability and ensemble forecasting, and verification methods. Moreover, the practical training will use operational numerical models such as WRF and (or) GRAPES.

Trainee Presentation

As the course encourages discussions and exchanges, it will include sessions of trainee presentations (each lasting up to 30 minutes) on subjects related to the theme of the course. Please note that the presentations need to be technical and can focus on a particular working area relevant to Numerical Weather Prediction.

Course Format

Lectures, practical sessions, seminar on special topics, study tour, discussion, and participant presentation etc.

Instructors

Professors in the field with WMO RTC Nanjing, Nanjing University of Information Science and Technology (NUIST) and senior experts from China Meteorological Administration.

Working language

The course will be conducted in English.

Participant Qualifications for Admission

Participants are required:

1.   To be specialized in weather forecasting with a minimum of two years' professional experience;

2.   To be in good physical health with no infectious diseases. Physically fit to fulfill all course activities; candidates with limited physical mobility will not be accepted;

3.   To own an English proficiency certification meeting the needs of training events;

4.   Not to bring family members to the training course in principle; if bringing a family member, the participant has to pay extra expenses;

5.   To observe all the laws, rules and regulations in China and respect the Chinese customs during the training.

Application and Selection Process

1.   The applicants must be meteorologists working in the field of weather forecasting from Meteorological and Hydrological Services of developing countries. The nominated candidates are requested to submit the Application Forms and Passport Scan (necessary) together to the Regional Training Center (Nanjing) of World Meteorological Organization for qualification check and admission;

2.   Admission Notices will be issued to the accepted participants through e-mail by the Training Center Nanjing. With the Admission Notices, participants need to go through visa application and round international ticket booking to travel to China and register at the Regional Training Center (Nanjing) of World Meteorological Organization one day before the course begins.

Only accepted applicants that receive the Admission Notices endorsed by WMO RTC (Nanjing) can participate in the training course.

Costs

1.   Tuition fee is free for all the accepted participants that receive the endorsed Admission Notices by the WMO RTC Nanjing China;

2.   Due to limited funds, the course sponsor only provides local support in the form of accommodation, meals, and pocket money (CNY50 per day); Normally one applicant from each developing country or two applicants from each least developed country are endorsed by the WMO RTC Nanjing China for the local support.

3.   International travel costs including round trip tickets, transit fares and subsistence allowance during the travel are to be covered by the participants or their employers;

4.   The expenses of visa, medical care, insurances and domestic salaries for the participants should be borne by the participants or their employers;

5.   The sponsor and organizer of the International Training Course on Numerical Weather Prediction does not hold any responsibility for such risks as loss of life, accidents, illness, and loss of property incurred during the whole period of participation in the training course.

Deadline for Application

Application Documents should be sent to WMO Regional Training Center (Nanjing) before **1 October 2017.**

Attn: Professor WANG Suchun, Executive Deputy Director

WMO Regional Training Centre Nanjing / Training Center (Nanjing) of Typhoon Committee
Nanjing University of Information Science & Technology
Nanjing, Jiangsu Province, 210044, China

Tel: +86 25 58731404
Fax: +86 25 57010085
E-mail: rtc@nuist.edu.cn

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APPLICATION FORM

INTERNATIONAL TRAINING COURSE ON NUMERICAL WEATHER PREDICTION
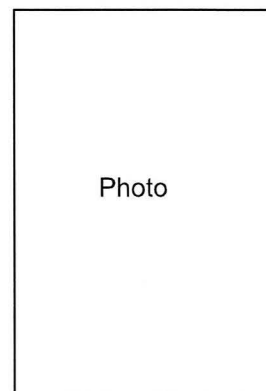**(Nanjing, China, 20 November – 1 December 2017)**

Ref.: 26176/2017-1.1 DRA/ETR

Application notes:

- This course is **ONLY** open to applications with official nominations of the Permanent Representative of World Meteorological Organization in the countries represented.

- Admission and enrolment will not be processed unless **BOTH** a properly filled application form **AND** a scan of the valid passport of the applicant are received by the local host.

- Please send above documents directly to WMO Regional Training Center Nanjing at rtc@nuist.edu.cn **no later than 1 October 2017**.

- Please be noted that the course contains sessions of technical trainee presentations (each lasting up to 30 minutes) on subjects related to the theme of the course.

I.   Personal Data

1.   Surname _____

       First Name _____

2.   Gender _____

3.   Date of Birth _____

4.   Passport Number _____

5.   Nationality _____

6.   Marital Status _____

7.   Health Condition _____

8.   History of infectious disease: ☐ No   ☐ Yes

9.   Telephone _____

       E-mail address _____

10.   Contact person in emergency

       Name _____

       Postal Address _____

       Telephone _____

       E-mail Address _____

Photo

11.   Statement of present work

Name of institution _____

Position held _____

A brief description of duties _____

_____

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12.   Previous employment history

Date		Institution	Position and Duties
From	To		

13.   Educational and/or professional qualification

Date	Major Subjects	Board/University	Degree/Diploma

14.   Language Proficiency

Mother Tongue _____

English Proficiency (Please tick):

Reading: a. excellent   b. good   c. fair   d. poor

Listening: a. excellent   b. good   c. fair   d. poor

Speaking: a. excellent   b. good   c. fair   d. poor

Writing: a. excellent   b. good   c. fair   d. poor

15. State why you wish to attend the course and indicate the practical use of the course to your work in the future.

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_____

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II.   Insurance

I fully understand that the seminar organizer does not take any responsibility for such risks as loss of life, accidents, illness, loss of property etc.

III.   Personal Statement

I hereby declare that the information given above is true, correct, and complete. I shall bear the responsibility for the above information. I pledge to observe all the Chinese laws and will respect the local customs and follow the course regulations during my stay in China for the training course.

_____   _____

Date   Signature of the Applicant

IV.   Local Support Application

Please indicate whether local support is required during the training period at the Training Center Nanjing of Typhoon Committee.

Apply for the local support of:

Accommodation   ☐ yes   ☐ no

Meals   ☐ yes   ☐ no

If you cannot get local support from the organizer, will you and your government pay for the above expenses?

☐ yes   ☐ no

V. **Endorsement of the Nominator**

1. Name of Organization

_____

2. Name and signature of the Permanent Representative with WMO

   Name _____

   Signature _____

   Official Seal_____

   Date _____

VI. **VI Contact Details**

Focal Point: Prof. Wang Suchun, Executive Deputy Director
WMO Regional Training Center Nanjing

Address: WMO Regional Training Centre Nanjing
Nanjing University of Information Science and Technology
219 Ningliu Road, Pukou District
Nanjing, Jiangsu Province, 210044 China

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