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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.: 11096/2019/DRA/ETR/CRS-519

17 April 2019

Annexes: 2 (available in English only)

Subject: International Training Course on "Modern Weather Forecast Technologies",
Nanjing, China, 24 June–5 July 2019

Action required: For information and appropriate action, as necessary,
no later than 17 May 2019

Dear Sir/Madam,

I have the pleasure to inform you that the People's Republic of China will host an international training course on "Modern Weather Forecast Technologies", from 24 June to 5 July 2019, at the Nanjing University of Information Science and Technology (NUIST), Nanjing Component of the WMO Regional Training Centre (RTC) in China.

This course targets the forecasters with services on meteorology, climate change, disaster management, environment and other related sectors from developing countries; and aims at providing knowledge of new forecast methods, and improving trainees' analytical approaches to numerical data from multi-observational sources for more refined forecast services, hence facilitating increased competency in disaster prevention and mitigation efforts. The course will be conducted in English. Please find attached the "Enrolment Information" (Annex I) for more information about the course and the application procedure.

Interested candidates are requested to complete the attached "Application Form" (Annex II), which should be endorsed by the Permanent Representative of the respective country with WMO, and sent directly to NUIST, preferably by e-mail to rtc@nuist.edu.cn as soon as possible but no later than **17 May 2019**.

I would like to express my appreciation for your continued support in promoting the Programmes and activities of WMO.

Yours faithfully,

(W. Zhang)

for the Secretary-General

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

cc: Hydrological Advisers to Permanent Representatives

Ref.: 11096/2019-15 DRA/ETR

**International Training Course on
Modern Weather Forecast Technologies**

(Nanjing, China, 24 June-5 July 2019)

ENROLLMENT INFORMATION

International Training Course on Modern Weather Forecast Technologies 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 (NUIST).

Course description

As weather forecasts gain impetus from more resourceful real-time atmospheric detection and advancing numerical weather prediction (NWP) technologies, this course aims at providing knowledge of new forecast methods, and improving trainees' analytical approaches to numerical data from multi-observational sources for more refined forecast services, hence facilitating increased competency in disaster prevention and mitigation efforts.

Expected learning outcomes

Trainees will have a good understanding of the basics of synoptic analysis and meso-scale synoptic system features as well as the developments of modern weather forecast technologies. They will become more skillful in applying NWP technologies and processing NWP data, and using modern detection methods in short term- or now-casts, making it possible for them to produce both high-resolution and seamless real-time forecasts on modern operational meteorological forecast platforms.

Target audience

Forecasters with services on meteorology, climate change, disaster management, environment and other related sectors from developing countries.

Course content

The course will cover lectures on meso-scale synoptic system and its analysis, NWP

products and their interpretation, application of weather radar data in high-impact weather nowcast, meteorological satellite products and their application, short-term and now-casting of severe weather, application of lightning location system in weather forecasts, use of wind-profiler radar, monitoring and prediction of atmospheric environment, and use of a new generation of meteorological information comprehensive analysis and processing system (MICAPS4). Several practice sessions on MICAPS4 will also be included accordingly.

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 shall focus on relevant working areas.

Course format

Lectures, practical sessions, discussions and participant presentations, etc.

Instructors

Professors from Nanjing University of Information Science and Technology (NUIST) and senior experts from China Meteorological Administration.

Working language

English

Important notes for applicants

- 1) Applicants need to be specialized in research/operational meteorology and synoptic data analysis with a minimum of two years' relevant working experience;
- 2) Nomination from the Permanent Representative of National Meteorological and Hydrological Service with World Meteorological Organization is a prerequisite for application;
- 3) Applicants need to be in good physical health, and without communicable diseases) and physically fit to fulfill all course activities;
- 4) Applicants need to own English proficiency up to the needs of an international technical training event;
- 5) Filing an application will be regarded as a vow to observe all the laws, rules and regulations in China and respect the Chinese traditions and customs throughout the training.

- 6) The sponsor and organizer of this International Training Course do not hold any responsibility for such risks as loss of life, accidents, illness, and loss of property incurred throughout the training event.

Financial matters

- 1) To attend the course accompanied by family member(s) is not allowed;
- 2) Tuition fee is free for all formal participants;
- 3) Due to limited funds, the course sponsor only provides local support with accommodation, meals, and pocket money (CNY50 per day); Normally one applicant from each developing country or two applicants from each Least Developed Country receive above mentioned local supports from the course sponsor;
- 4) 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;
- 5) The expenses of visa, medical care, insurances and domestic salaries for the participants should be borne by the participants themselves or their employers;

Application and admission

- 1) Submit the attached Application Form and your Valid Passport Scan (necessary) to the Regional Training Center (Nanjing) of World Meteorological Organization for registration and enrollment through email to rtc@nuist.edu.cn;
- 2) A scan of an Admission Notice will be issued to each successful applicant from RTC-NJ. Only recipients of the official Admission Notice from WMO RTC (Nanjing) will be considered formal participants into the training course.
- 3) Accepted trainee applies for a visa into China with related documents (passport and admission notice). An official letter of invitation to the Chinese Embassy can be provided by RTC-NJ upon request if it is needed for the visa
- 4) Book round-trip flights to/from Nanjing and arrange your itinerary in such a way that you can arrive in Nanjing one day before the course begins and leave Nanjing one day after the course closes.

Deadline for application

Send your application documents through email to Prof. MA Tinghuai (Executive Deputy Director) at rtc@nuist.edu.cn before **17 May 2019**.

Contact details

Focal Point:

Prof. MA Tinghuai, Executive Deputy Director
WMO Regional Training Center Nanjing

Postal Address:

Nanjing University of Information Science and Technology
No. 219, Rd. Ningliu, Nanjing, Jiangsu Province, 210044 China
Telephone: +86 25 58731404
Fax: +86 25 57010085
E-mail: rtc@nuist.edu.cn

International Training Course on Modern Weather Forecast Technologies

(Nanjing, China, 24 June - 5 July 2019)

APPLICATION FORM

Special Notes:

- This course is **ONLY** open to applications with official nominations of the Permanent Representative of World Meteorological Organization in the countries/regions represented. Please make sure that the your application form bears the Signature and Official Seal of your country's PR with WMO (See Page 3-4 for details).
- Admission and enrolment won't 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 the WMO Training Center Nanjing at rtc@nuist.edu.cn and in any case **no later than 17 May 2019**.
- Please be noted that the course contains sessions of trainee presentations (each lasting up to 30 minutes) on relevant technical subjects. You are kindly advised to make necessary preparations prior to your attendance.
- To avoid inaccuracy in information collection, starting from 2018 events, WMO RTC Nanjing **ONLY** accepts a completed application form scan with information filled out by TYPING except for items requesting signatures and seals on it. Thanks for your consideration!

Personal Data

1. Surname (Capital letter) _____

First Name (Capital letter)_____

2. Gender _____

3. Date of Birth _____

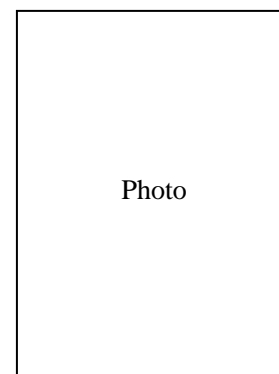
4. Passport Number _____

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 _____

11. Statement of present work

Name of institution _____

Position held _____

A brief description of duties _____

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.

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 during your stay in China. You are recommended to arrange your insurance policy before you travel to China.

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 and if so, whether in the form of the accommodation, meals during the training period at the WMO RTC Nanjing.

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 (VERY IMPORTANT)

1. Name of Organization

2. Name and Signature of The Permanent Representative with WMO

Name _____

Signature _____ Official Seal _____

Date _____

VI Contact Details

Focal Point: Prof. MA Tinghui, Executive Deputy Director

WMO Regional Training Center Nanjing

Address: Nanjing University of Information Science and Technology

No. 219 Rd. Ningliu, Nanjing, Jiangsu Province, 210044 China

Tel.: +86 25 58731404

Fax: +86 25 57010085

E-mail: rtc@nuist.edu.cn