WMO OMM

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

Наш исх.:   11264/2018/ETR/CRS-1818   4 мая 2018 г.

Приложения: 2 (имеются только на английском языке)

Вопрос: Международный учебный курс по применению радиолокационных
                 данных в прогнозировании текущих погодных явлений со
                 значительными воздействиями, Нанкин, Китай, 19—30 ноября 2018 г.

Предлагаемые меры: Для информации и принятия соответствующих мер, в случае
                    необходимости

Уважаемый господин/Уважаемая госпожа!

        Рад сообщить Вам, что Китайская Народная Республика будет являться
принимающей стороной международного учебного курса по применению
радиолокационных данных в прогнозировании текущих погодных явлений со
значительными воздействиями, который будет проводиться в Нанкинском университете
информатики и технологий (НУИСТ), РУЦ ВМО в Нанкине, Китай, с 19 по 30 ноября 2018 г.

        Этот курс призван помочь участникам посредством теоретических исследований
и практических занятий овладеть базовыми знаниями в области теории и принципов
метеорологических радиолокационных данных и динамических механизмов в отношении
погодных явлений со значительными воздействиями (ПЯЗВ). Он также направлен на
улучшение возможностей участников в области прогнозирования текущих ПЯЗВ с
использованием радиолокационных данных для смягчения воздействия бедствий,
возникающих в результате ПЯЗВ, на социально-экономическое устойчивое развитие. Курс
будет проводиться на английском языке. Подробная информация о курсе содержится в
документе «Enrollment Information» (Информация о порядке зачисления) (приложение I).

        Заинтересованным кандидатам предлагается заполнить прилагаемый бланк
«Application Form» (Заявление на участие) (приложение II), который должен быть
завизирован постоянным представителем соответствующей страны при ВМО и направлен
непосредственно в Нанкинский университет информатики и технологий (НУИСТ)
предпочтительно по э-почте на адрес rtc@nuist.edu.cn как можно скорее, но не позднее
10 октября 2018 г.

                                                    С уважением,

                                                    (В. Чжан)
                                                    за Генерального секретаря

Постоянным представителям (или директорам метеорологических или гидрометеорологических
служб) Членов ВМО

Копии: Советникам по гидрологии при постоянных представителях

INTERNATIONAL TRAINING COURSE ON THE APPLICATION OF RADAR DATA IN HIGH-IMPACT WEATHER NOWCAST

(Nanjing, China, 19-30 November 2018)

ENROLMENT INFORMATION

International Training Course on the Application of Radar Data in High-impact Weather Nowcast 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 master the basic theory and principles of meteorological radar and the dynamic mechanism of high impact weather (HIW). It also aims at improving participants' ability in HIW nowcast using radar data to mitigate the impact of HIW disasters on the socio-economic sustainable development.

Expected Learning Outcomes

Upon completion of this training course, participants will have had a good understanding of knowledge and technologies relevant to radar detection, radar data quality control algorithms, radar data processing and product generations, radar data interpretation and analysis, application of weather radar in nowcasting and warning of severe weather, internal and external user communication of meteorological information.

Target Audience

Meteorologists engaged in operational work or research relevant to radar meteorology and weather forecast from developing countries.

Course Content

The training course will provide participants with fundamental knowledge on radar meteorology and weather radar application, which mainly cover introduction to radar meteorology, weather radar working principle, radar reflectivity factors- echo identification and analysis, radial velocity and wind retrieval, retrieval and analysis of rain drop size distribution, quantitative precipitation estimation, dual-polarization weather radar and its relevant products, radar data quality control, convective storm analysis and its radar echoes interpretation, assimilation of radar data in NWP models, application of radar data in severe weather nowcasting and warning, detection and

warning of hazardous weather events for aviation, and dynamic mechanism of high impact weather and its characteristics, etc..

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 the theme of the training course - radar meteorology and HIW Nowcast.

Course Format

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

Instructors

Professors from 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 specialize in forecasting with weather radars with a minimum of two years' professional experience;

2) To be in good physical health with no infectious diseases and physically fit to fulfill all course activities;

3) To own a English proficiency up to the needs of training events;

4) Not to be accompanied by family member(s) to the training course;

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

Course Application and Trainee Selection

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 both his/her Application Form and a Valid Passport Scan (necessary) to the Regional Training Center (Nanjing) of World

Meteorological Organization for registration and enrolment.

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 into 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 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;

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 themselves or their employers;

5) 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.

Deadline for Application
Application Documents should be sent to WMO Regional Training Center (Nanjing) before **October 10, 2018**.

Attn: Prof. MA Tinghuai, Executive Deputy Director
WMO Regional Training Centre Nanjing
Nanjing University of Information Science & Technology
Nanjing, Jiangsu Province, 210044, China
Tel: +86 25 58731404
Fax: +86 25 5701 0085
E-mail: rtc@nuist.edu.cn

INTERNATIONAL TRAINING COURSE ON THE APPLICATION

OF RADAR DATA IN HIGH-IMPACT WEATHER NOWCAST
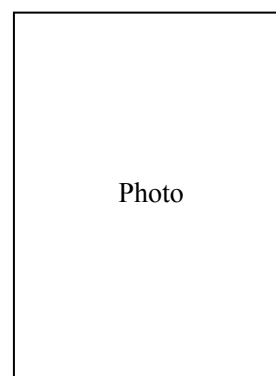
(Nanjing, China, 19-30 November 2018)

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 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 10th October 2018.**

- 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 _____

   First Name _____

2. Gender _____

3. Date of Birth _____

4. Passport Number _____

5. Nationality _____

6. Marital Status _____

7. Health Condition _____

Photo

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 Tinghuai, 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
              Telephone: +86 25 58731404
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