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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

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20 February 2018

Annexes: 2 (available in English only)

Subject: International training course on the application of meteorological satellite products, from 26 June to 6 July 2018, Beijing, China

Action required: For information and appropriate action, as necessary

Ref.: 04131/2018-14 DRA/ETR

Dear Sir/Madam,

I have pleasure to inform you that the People's Republic of China will host an international training course on the application of meteorological satellite products, from 26 June to 6 July 2018, at the China Meteorological Administration Training Centre (CMATC), Beijing Component of WMO RTC in China.

The course is designed to help trainees to learn of the latest developments in the application of meteorological satellite products, and to master the interpretation of satellite data to support weather analysis. It is also helpful to improve participants' abilities in carrying out operational forecasting and scientific research. The course will be conducted in English. Please find attached the Enrolment Information (Annex I) for detailed information on this course.

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 the CMATC, preferably by e-mail to applycmatc@cma.gov.cn as soon as possible but **not later than 11 May 2018**.

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

WORLD METEOROLOGICAL ORGANIZATION**INTERNATIONAL TRAINING COURSE ON THE APPLICATION OF
METEOROLOGICAL SATELLITE PRODUCTS
26 June to 6 July 2018, Beijing, China****ENROLMENT INFORMATION**

The International Training Course on the Application of Meteorological Satellite Products is organized by the WMO Regional Training Centre Beijing (RTC-Beijing), sponsored by China Meteorological Administration (CMA).

Courses Aim

The course is designed to help trainees to learn of the latest developments in the application of meteorological satellite products, and to master the interpretation of satellite data to support weather analysis. It is also helpful to improve participants' abilities in carrying out operational forecasting and scientific research.

Expected Learning Outcomes

After the courses, participants will be able to:

- 1) Apply the basic theory and principles of radiative transfer to the interpretation of meteorological satellite imagery interpretation.
- 2) Access, select, display and manipulate satellite data.
- 3) Carry out weather analysis, forecasting and monitoring by using meteorological satellite imagery and data in particular FY-4.
- 4) Use Satellite Weather Application Platform (SWAP) and Satellite Monitoring Analysis Remote-sensing Toolkit (SMART).

Target Audience

Meteorologists in meteorological departments engaged in satellite meteorology, especially those from developing countries.

Course Content

The course contents include:

- 1) General introduction to FY satellites and their application;
- 2) Current and future products of geostationary satellite including FY-4 products such as wind profiling radar (WPR), cloud spectral image, lightning image observation, space weather monitoring;
- 3) Brief introduction of satellite meteorology, the content and characteristics of satellite observation, the latest development in the application of meteorological satellite products;
- 4) Satellite data reception and handling;
- 5) Weather analysis and forecasting by using meteorological satellite data;
- 6) Cloud motion wind product;
- 7) User-oriented satellite application platform: Satellite Weather Application Platform (SWAP) and Satellite Monitoring Analysis Remote-sensing Toolkit (SMART) which will cover laboratory practice for torrential rain and strong convective weather monitoring, wild fire monitoring, and drought monitoring;
- 8) Visits to CMA operational centres.
- 9) Participant forum about their respective satellite meteorology.

Course Format

The format includes lectures, practical session, group discussion, study tour and participant presentation.

Assessment

- 1) An observation will be made by the training course organizer at RTC Beijing and lectures for participants' attendance and performance at the lectures and other learning activities of the training course;
- 2) Each participant is required to make a presentation with PPT concerning Satellite Meteorology in their country;
- 3) Each participant is required to submit a conclusion report on the training, at least one page and no less than 800 words, to examine their understanding and acceptance of the knowledge transferred;
- 4) The instructors will assess participants' performance in practical sessions.

Instructors

Senior experts in relation to the satellite meteorology from CMA, China National Satellite Meteorological Centre (NSMC) and CMA Training Centre etc.

Language

The course will be conducted in **English**.

Participant Qualifications for Admission

Participants are required:

- 1) To be specialized in satellite meteorology with a minimum of one year's 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 be proficient in English;
- 4) To prepare a report on the use of satellite meteorology of the participants' service and a brief introduction of the participant's professional experiences for the purpose of exchanges;
- 5) Not to bring family members to the training course; if bringing a family member, the participant has to pay extra expense;
- 6) To observe all the laws, rules and regulations of People's Republic of China and respect the Chinese customs during the training period.

Application and Selection Process

- 1) The applicants must be meteorologists who are working as operational forecasters or in the field of climate service and other related field from Meteorological and Hydrological Services of developing countries. The nominated candidates are requested to submit the Application Forms and Passport Copy (necessary) together with evidence of English proficiency (if there is) to RTC-Beijing China for examination and endorsement;
- 2) Application shall be submitted and reach RTC-Beijing no later than 11 May 2018 with a copy to WMO Secretariat.
- 3) Admission Notices will be issued to the accepted participants by e-mail by the RTC-Beijing. With the Admission Notices, the participants are requested to go through all the necessary formalities for entering China and bring all the documents (Admission Notices, **Health Document**, and Application Forms) to

RTC-Beijing on the registration date of 26 June 2018.

- 4) **Only accepted applicants** that receive the Admission Notices endorsed by RTC-Beijing can participate in the training course.

Costs

- 1) Tuition is free for all the accepted participants that receive the endorsed Admission Notices by RTC-Beijing China;
- 2) RTC-Beijing will provide local support to the accepted participant from developing countries, including accommodation, meals, and pocket money (50 Yuan RMB per day, 600 Yuan RMB in total). Normally one application from each Developing Country or two applications from each Least Developed Country are endorsed by the WMO RTC Beijing China for the local support;
- 3) Other accepted applications or their respective governments need cover their accommodation and meals during the training period;
- 4) The 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;
- 6) It should be taken into account when booking the flight tickets that the scholarship covers exclusively from **26 June to 6 July 2018**. Any liability or expense out of this term shall be entirely at the expense of the participants;
- 7) The organizer of the Training Course on the Application of Meteorological Satellite Products 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

The application with a passport copy should be sent to WMO RTC-Beijing China with copy to WMO Secretariat no later than **11 May 2018**.

Attn: Ms. DENG Jingmian, Training Organizer
WMO Regional Training Centre in Beijing
China Meteorological Administration Training Centre
46 Zhongguancun Nandajie, Beijing 100081, P.R.China
Tel: +86-10-6840 9467
Email: applycmatc@cma.gov.cn

WORLD METEOROLOGICAL ORGANIZATION**International Training Course on the Application of
Meteorological Satellite Products**

(Beijing, China, 26 June to 6 July 2018)

Note: Please complete the form in **typed capital letters** and get it scanned in PDF version. Send to the WMO RTC-Beijing China by Email as soon as possible and in any case **no later than 11 May 2018**.

I. Personal Data

1. Surname _____	Photo
Given Name _____	
2. Gender _____	
3. Date of Birth _____	
4. Place of Birth _____	
5. Passport Number _____	
6. Nationality _____	
7. Marital Status _____	
8. Health Condition _____	
9. History of infectious disease: <input type="checkbox"/> No <input type="checkbox"/> Yes	

(Please specify if yes)

10. Address: _____

Mobile phone: _____

Telephone _____ Fax _____

E-mail Address: _____ @ _____

11. Permanent Address: _____

12. Contact person in emergency

Name: _____

Address: _____

Mobile phone: _____

Telephone _____ Fax _____

E-mail Address: _____ @ _____

13. Place of the Chinese Embassy/Consulate/Visa Office where you wish to apply for the visa(if a Chinese visa is required):

14. Statement of present work

Name of institution _____

Position held _____

Brief description of duties

15. Previous employment history

Date Institution Position and Duties

16. Educational and/or professional qualification
Date Major and University Degree/Diploma

17. 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

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

II. Financial Support

Do you need local support from CMA if you are a participant from developing countries?

Yes No

If you require travel support, to whom do you intend to apply?

III. International Insurance

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

IV. 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 Applicant

V. Endorsement of the Nominator

1. Name of Organization _____

2. Name and Signature of the Permanent Representative of WMO in your country:

Name _____

Signature _____

Official Seal _____

Date _____

VI. Contact Details

Contact Person: Ms. DENG Jingmian, Training Organizer

Address: WMO Regional Training Centre in Beijing

China Meteorological Administration Training Centre

46 Zhongguancun Nandajie, Beijing 100081, P.R.China

Telephone: +86-10-6840 9467

E-mail: applycmatc@cma.gov.cn

With a copy to (by fax):

The Secretary-General

World Meteorological Organization

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1211 Geneva 2, Switzerland

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