

## WMO OMM

WEATHER CLIMATE WATER  
TEMPS CLIMAT EAU



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 شباط/ فبراير 2018

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الرسالة رقم:

2 (متوافران بالإنكليزية فقط)

عدد المرفقات:

الموضوع: دورة تدريبية دولية بشأن تطبيق نواتج سواتل الأرصاد الجوية، في الفترة من 26 حزيران/ يونيو إلى 6 تموز/ يوليو 2018، بيجين، الصين

الإجراء المطلوب: للعلم واتخاذ الإجراء الملائم، حسب الاقتضاء

تحية طيبة وبعد،

يسرني أن أبلغكم أن جمهورية الصين الشعبية ستستضيف دورة تدريبية دولية بشأن تطبيق نواتج سواتل الأرصاد الجوية، في الفترة من 26 حزيران/ يونيو إلى 6 تموز/ يوليو 2018، في مركز التدريب التابع لهيئة الأرصاد الجوية الصينية (CMATC)، وهو مكوّن بيجين في مركز التدريب الإقليمي (RTC) التابع للمنظمة (WMO) في الصين.

والغرض من هذه الدورة هو مساعدة المتدربين على معرفة آخر التطورات بشأن تطبيق نواتج سواتل الأرصاد الجوية وإتقان تفسير البيانات الساتلية لدعم تحليل الطقس. كما أنها ستحسن من قدرات المشاركين على تنفيذ تنبؤات تشغيلية وبحوث علمية. وستُدار الدورة باللغة الإنكليزية. وتجدر الإشارة إلى "استمارة التسجيل" (المرفق الأول) للاطلاع على معلومات مفصلة عن هذه الدورة.

ويرجى من المرشحين المهتمين استيفاء "استمارة طلب المشاركة" (المرفق الثاني)، التي ينبغي أن يعتمد عليها الممثل الدائم للبلد المعني لدى المنظمة (WMO)، وإرسالها مباشرة إلى مركز التدريب التابع لهيئة الأرصاد الجوية الصينية (CMATC)، ويفضل إرسالها عبر البريد الإلكتروني إلى العنوان التالي: [applycmatc@cma.gov.cn](mailto:applycmatc@cma.gov.cn)، في أقرب وقت ممكن، على ألا يتجاوز ذلك 11 أيار/ مايو 2018.

وتفضلوا بقبول فائق الاحترام،

(و. تشانغ)  
عن الأمين العام

إلى: الممثلين الدائمين لأعضاء المنظمة (أو مديري مرافق الأرصاد الجوية أو الأرصاد الجوية الهيدرولوجية)

صورة إلى: المستشارين الهيدرولوجيين للممثلين الدائمين

## **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

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

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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.

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## **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?

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## **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.

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Date

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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](mailto:applycmatc@cma.gov.cn)

With a copy to (by fax):

The Secretary-General

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