WEATHER CLIMATE WATER
TEMPS CLIMAT EAU

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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Our ref.: 07735/2020/MS/ETR/CRS-620 27 April 2020

Annexes: 2 (available in English only)

Subject: International Distance Training Course on the Basic Principles of Satellite Remote-sensing, Beijing, China, from 22 June to 3 July 2020

Action required: For information and appropriate action, no later than **15 June 2020**

Dear Sir/Madam,

I have the pleasure to inform you that the World Meteorological Organization's (WMO) Regional Training Centre (RTC), the China Meteorological Administration Training Centre (CMATC), will host an International Distance Training Course on the Basic Principles of Satellite Remote-sensing, from 22 June to 3 July 2020, in Beijing, China.

The course targets officials, specialists and forecasters engaged in satellite meteorology and disaster risk management at National Hydrological and Meteorological Services (NMHSs) or equivalent institutions. Please find attached the Preliminary Course Information (Annex I) for the admission procedures and more information about the course.

Interested candidates are requested to complete the attached Application Form (Annex II) and to send it directly to the RTC CMATC (applycmatc@cma.gov.cn), as soon as possible but not later than **15 June 2020**.

Yours faithfully,

Zhang

(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

中国气象局气象干部培训学院
China Meteorological Administration Training Centre
WMO Regional Training Centre Beijing
46 Zhongguancun Nandajie, Beijing 100081, China

Ref.: 07736/2020-LO MS/ETR

INTERNATIONAL DISTANCE TRAINING COURSE ON THE BASIC PRINCIPLES OF SATELLITE REMOTE-SENSING
22 June to 3 July 2020, Beijing, China

PRELIMINARY COURSE INFORMATION

The International Distance Training Course on The Basic Principles of Satellite Remote-sensing will be organized by China Meteorological Administration Training Centre (CMATC), which is also designated as WMO Regional Training Centre in Beijing (RTC-Beijing), sponsored by China Meteorological Administration (CMA).

Courses Description

The course is aimed to enhance the trainees' basic knowledge and skills in the interpretation of meteorological satellite data, and the application of products in supporting weather analysis, weather forecasting, environmental monitoring and disaster risk management. Trainees will be expected to improve the capabilities of data acquisition and assimilation, utility of satellite monitoring system, as well as the ability in satellite remote-sensing application.

Course Content

The training course includes:

1) Satellite cloud imagery recognition and interpretation;
2) Satellite Weather Application Platform (SWAP) and Satellite Monitoring Analysis Remote-sensing Toolkit (SMART);
3) Case study on satellite products application in disaster mitigation and prevention;
4) Introduction to the latest development of Fengyun satellites and the application of FY products, especially the geostationary satellite products.

Expected Learning Outcomes

By studying the online courseware, participants will be able to:

1) apply the basic theory and principles of radiation to the interpretation of meteorological satellite imagery and products;
2) access, select, display and manipulate satellite data;
3) carry out weather analysis and forecasting by using meteorological satellite imagery and data;
4) use 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;

5) have a better understanding of the Fengyun (FY) satellites and the current and future products of geostationary satellite products such as wind profiling radar (WPR), cloud spectral image, lightning image observation, space weather monitoring.

Course Format

The distance training will be delivered via online courseware and discussion.

Target Audience

Officials, specialists, forecasters engaged in satellite meteorology and disaster risk management at National Hydrological and Meteorological Services or equivalent institutions.

Instructors

Senior experts from CMA, National Meteorological Satellite Centre, CMATC etc.

Language

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

Application and Participation

1) Please visit *http://mooc.cmatc.cma.cn/course/view.php?id=32&isStay=true&lang=en* and create your own account. Use *CMATC2020* as the enrollment key to get access to the course.

2) Please note that the applicants should register for the course no later than **15 June 2020.**

3) The participants are required to finish all the courseware and quiz. Each participant who has completed all the training course will be issued a digital certificate of the participation by CMATC/WMO RTC-Beijing.

4) Please pay attention to the training website for updated information.

5) The distance training course is free of charge.

Contact

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

Annex II

NOMINATION FORM
The International Distance Training Course on The Basic Principles of Satellite Remote-sensing
(22 June to 3 July 2020, Beijing, China)

Note: Please complete the form in **typed capital letters** and get it scanned in PDF version. Send to the organizers by email as soon as possible and in any case **no later than 15 June 2020**.

I. Personal Data

1. Surname: _____
2. Given Name: _____
3. Gender:_____
4. Date of Birth: _____
5. Place of Birth: _____
6. Passport Number:_____
7. Nationality: _____
8. Marital Status: _____

Photo

9. Health Condition:_____
10. Mobile phone: _____

    Telephone: Fax: _____

    Email Address:_____
11. Statement of present work

    Name of institution/Department: _____

    Division/Section: _____

    Position held: _____

    Brief description of duties: _____
12. Previous employment history

    Date Institution Position and Duties

    _____

    _____

    _____

    _____
13. Educational and/or professional qualification

    Date Major and 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 it to your work in the future.

_____
_____
_____
_____
_____

II. Contact Details

Contact Person: Ms DENG Jingmian

Address: China Meteorological Administration
46 Zhongguancun Nandajie, Beijing 100081, China

Telephone: +861068409467

Email: applycmatc@cma.gov.cn