



## WMO OMM

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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Наш исх.: 07735/2020/MS/ETR/CRS-620

27 апреля 2020 г.

Приложения: 2 (только на английском языке)

Вопрос: Международный дистанционный учебный курс по теме «Основные принципы спутникового дистанционного зондирования», Пекин, Китай, 22 июня — 3 июля 2020 г.

Предлагаемые меры: Для информации и принятия соответствующих мер не позднее **15 июня 2020 г.**

Уважаемый господин/Уважаемая госпожа!

Рад сообщить Вам, что Региональный учебный центр (РУЦ) Всемирной метеорологической организации (ВМО) — Учебный центр Китайского метеорологического управления (УЦ КМУ) — проведет Международный дистанционный учебный курс по теме «Основные принципы спутникового дистанционного зондирования» с 22 июня по 3 июля 2020 г. в Пекине, Китай.

Курс предназначен для должностных лиц, специалистов и прогнозистов, занимающихся вопросами спутниковой метеорологии и управления рисками бедствий в национальных гидрологических и метеорологических службах (НМГС) или аналогичных учреждениях. Подробная информация о курсе и порядке зачисления содержится в документе «Preliminary Course Information» (Предварительная информация о курсе) (приложение I).

Заинтересованным кандидатам предлагается заполнить прилагаемую форму «Application Form» (Заявление на участие) (приложение II) и направить ее непосредственно в УЦ КМУ ([applycmatc@cma.gov.cn](mailto:applycmatc@cma.gov.cn)) как можно скорее, но не позднее **15 июня 2020 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



**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

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

WMO Regional Training Centre Beijing

China Meteorological Administration Training Centre

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

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

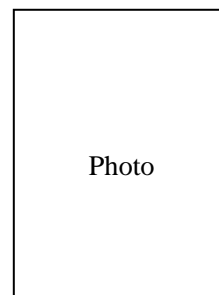
**Note:** Please complete the form in **typed capital letters** and get it scanned in PDF version. Send to the organizers by email as soon as possible and in any case **no later than 15 June 2020**.

**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: \_\_\_\_\_
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.

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**II. Contact Details**

Contact Person: Ms DENG Jingmian

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46 Zhongguancun Nandajie, Beijing 100081, China

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