



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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27 avril 2020

Annexes: 2 (disponibles en anglais seulement)

Objet: Cours international de formation à distance sur les principes de base de la télédétection par satellite (Beijing, Chine, 22 juin-3 juillet 2020)

Suite à donner: Pour information et mesures à prendre le **15 juin 2020** au plus tard

Madame, Monsieur,

J'ai le plaisir de vous informer que le Centre de formation de l'Administration météorologique chinoise (CMATC), un centre régional de formation professionnelle (CRFP) de l'Organisation météorologique mondiale (OMM), organisera le cours mentionné en objet à Beijing, du 22 juin au 3 juillet 2020.

Ce cours s'adresse aux fonctionnaires, spécialistes et prévisionnistes chargés de la météorologie satellitaire et de la gestion des risques de catastrophes au sein des Services hydrologiques et météorologiques nationaux (SMHN) ou d'institutions équivalentes. Pour de plus amples renseignements sur le cours et la procédure d'inscription correspondante, vous trouverez ci-joint une première note d'information (annexe I).

Les candidats intéressés sont priés de remplir le formulaire de candidature ci-joint (annexe II) et de l'envoyer directement au CMATC (applycmatc@cma.gov.cn), dès que possible et au plus tard le **15 juin 2020**.

Veuillez agréer, Madame, Monsieur, l'expression de ma considération distinguée.

(W. Zhang)

pour le Secrétaire général

Aux: Représentants permanents (ou directeurs des Services météorologiques ou hydrométéorologiques) des Membres de l'OMM

cc: Conseillers en hydrologie auprès des représentants permanents



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

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)

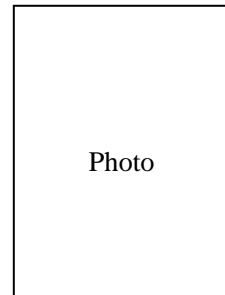
Note: Please complete the form in **typed capital letters** and get it scanned in PDF version. Send to the organizers by email as soon as possible and in any case **no later than 15 June 2020**.

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.

II. Contact Details

Contact Person: Ms DENG Jingmian

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 46 Zhongguancun Nandajie, Beijing 100081, China

Telephone: +861068409467

Email: applymatc@cma.gov.cn