



# 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

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## INTERNATIONAL DISTANCE TRAINING COURSE ON NUMERICAL WEATHER PREDICTION (NWP)

13-24 June 2022, Beijing, China

### PRELIMINARY COURSE INFORMATION

International Distance Training Course on Numerical Weather Prediction (NWP) will be organized by China Meteorological Administration Training Centre (CMATC), which is also designated as WMO Regional Training Centre Beijing (RTC-Beijing), sponsored by China Meteorological Administration (CMA). Due to the current COVID-19, this training course will be conducted virtually.

### Course Description

The course aims to enhance the participants' understanding of NWP service, including data assimilation, numerical forecasting technology, product application, and ensemble forecasting principle; to assist the participants to get familiar with international and China's development in the field of NWP and AI in metrological application; and to promote the capacity building and sustainable development in developing countries.

### Expected Learning Outcomes

After the course, participants are expected to:

- get a better understanding of the development of numerical forecasting service;
- improve the understanding of the numerical forecast data assimilation;
- improve the understanding of the application of NWP products and techniques;
- get a better understanding of AI technology application in meteorology.

### Target Audience

Experts and technicians working in the field of numerical forecasting and other related fields.

### Course Organization

The training course will be delivered via recorded lectures, live lectures, and online discussions. Participants are also invited to give presentations on the Participants' Forum.

All the course materials will be uploaded on the website (<http://mooc.cmatc.cma.cn>). Participants should follow the website instructions to learn from the recorded lectures

and join the live lectures. Participants will be encouraged to discuss the topics presented and actively participate in the live lectures. Participants who have completed all the training activities as required will be issued a digital certificate by CMATC/WMO RTC Beijing.

### **Language**

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

### **Instructors**

The course will be given by senior experts from CMA and other academic institutions.

### **Application and Participation**

- 1) Participants are requested to submit the completed Application Form (<https://forms.office.com/r/PD3rmks6z7>) no later than **8 June 2022**. The accepted applicants will receive the admission notices with Certificate-path Enroll Key endorsed by CMATC.
- 2) The participants are required to finish all the coursewares and quizzes. Each participant who has completed all the training courses will be issued a digital certificate of the participation by CMATC/WMO RTC Beijing.
- 3) Please pay attention to the training website for updated information.
- 4) The distance training course is free of charge.

### **Deadline for Application**

Participants should finish the online application form no later than **8 June 2022**. The printed version is **not** accepted.

### **Contact Persons**

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