INTERNATIONAL DISTANCE TRAINING COURSE ON NOWCASTING TECHNIQUES ON SEVERE CONVECTION WEATHER
10-23 May 2022, Beijing, China

PRELIMINARY COURSE INFORMATION

International Training Course on Nowcasting Techniques on Severe Convection Weather 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 training course is aimed to enhance the participants' understanding of severe convection weather, improve their nowcasting techniques, and promote the technical exchange and future cooperation in related fields. Meanwhile, in this course a unit named a Virtual-China-Tour is newly introduced to present the current development of meteorological services in China and to interview meteorological staff with special contributions via Vlog.

Expected Learning Outcomes

After the course, participants are expected to:
- get a better understanding of severe convection weather and improve **nowcasting skills**;
- improve the understanding of the application of **Doppler Weather Radar and Dual Polarization Radar** in severe convection weather;
- improve the understanding of the application of **NWP products** in severe convection weather;
- be informed of Chinese practices regarding **disaster risk reduction** related to severe convection weather.

Target Audience

This course will be open to all officials, specialists and experts who are working in the field of forecast and other related fields at NMHSs or equivalent institutions from all six regions, especially from developing countries and regions.

Course Organization

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.

Participants are also invited to join the **Forum on Regional Climate Monitoring-Assessment-Prediction for Asia (FOCRAII 2022)** organized by Beijing Climate Centre (BCC) and WMO on 9th May 2022 virtually. The FOCRAII aims to address long-term forecast, climate monitoring, data services and product training. Participants from international organizations and national meteorological and hydrological services (NMHSs) are encouraged to share regional climate monitoring and discuss the outlook of climate anomalies in the upcoming summer. Please contact applycmatc@cma.gov.cn for the Forum detail and agenda.

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/b2XgrdPtBQ***) no later than **5 May 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 **5 May 2022**. The printed version is **not** accepted.

Contact Persons

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