



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.: 22579/2017/ETR/CRS-1217

30 June 2017

Annexes: 2 enclosed (available in English only)

Subject: International Training Course on Aeronautical Meteorology Services organized by the WMO Regional Training Center (RTC) Beijing, China, 11-22 September 2017

Action required: Participant nomination forms to be received by the WMO Secretariat **no later than 7 August 2017**

Dear Sir/Madam,

I have pleasure to inform you that the People's Republic of China will host an International Training Course on Aeronautical Meteorology Services organized by the WMO Regional Training Center (RTC) Beijing China and co-organized by Air Traffic Management Bureau (ATMB), sponsored by China Meteorological Administration (CMA), co-sponsored by the Civil Aviation Administration of China (CAAC).

The course will assist participants to know the progress of WMO Aeronautical Meteorology Programme (AeMP). The course is aimed to help participants to improve their forecasting skills, such as the forecasting of hazardous weather phenomena and weather parameters, and to enhance their capabilities in providing aeronautical meteorological services, especially the issuance of significant meteorological information (SIGMET). With an aim to support least developed and developing countries and other countries especially in Asia to implement WMO AeMP, the course will also introduce typical cases of aeronautical meteorological services in China.

Interested candidates are requested to complete the attached Application Form (Annex 2), which should be endorsed by the Permanent Representative of the respective country with WMO, and sent directly to Ms LIN Caiyan, Training Organizer, ATMB, CAAC, preferably by e-mail to cylin@mail.iap.ac.cn with a copy to WMO Secretariat (wmo@wmo.int) as soon as possible but **no later than 7 August 2017**.

Yours faithfully,


(W. Zhang)

for the Secretary-General

To: Permanent Representatives of WMO Members of Regional Associations II
Permanent Representatives of WMO Members of Regional Associations V

cc: Presidents of RA II and RA V (for information)

INTERNATIONAL TRAINING COURSE ON AERONAUTICAL METEOROLOGY SERVICES
11 September to 22 September 2017
Beijing, China

ENROLMENT INFORMATION

The International Training Course on Aeronautical Meteorology Services is organized by the WMO Regional Training Center (RTC) Beijing China and co-organized by Air Traffic Management Bureau (ATMB), sponsored by China Meteorological Administration (CMA), co-sponsored by the Civil Aviation Administration of China (CAAC).

Course Aim

The course will assist participants to know the progress of WMO Aeronautical Meteorology Programme (AeMP). The course is aimed to help participants to improve their forecasting skills, such as the forecasting of hazardous weather phenomena and weather parameters, and to enhance their capabilities in providing aeronautical meteorological services, especially the issuance of significant meteorological information (SIGMET). With an aim to support least developed and developing countries and other countries especially in Asia to implement WMO AeMP, the course will also introduce typical cases of aeronautical meteorological services in China.

Expected Learning Outcomes

The course learning outcomes are directly linked to the WMO Aeronautical Meteorological Personnel Competency Standards 1.1, 1.2, 2.1 and 3.1, inclusive of thunderstorms, turbulence, moderate and severe low-level wind shear, tropical cyclones and other hazardous phenomena affecting aerodromes. After the course, participants are expected to improve the capabilities of:

- Analyzing and diagnosing the weather situation as required in forecast and warning preparation;
- Forecasting weather parameters and hazardous weather phenomena;
- Application of mesoscale analysis technologies and forecasting methods;
- Early warning of hazardous phenomena;
- Interpreting and applying data of Doppler Radar when nowcasting;
- Issuing SIGMET;
- Understanding the practices of China civil aeronautical meteorology and related progresses in global civil aeronautical meteorology;

Target Audience

Meteorologists who are working in the field of aeronautical meteorological forecasting and other related field.

Course Content

The training course includes:

- (a) Forecasting methods: low level wind-shear; thunderstorms and other severe convective weather; fog or mist and other types of obscuration; gale, tropical cyclones and other hazardous weather phenomena affecting aerodromes;
- (b) Basic knowledge of interpretation and application of Satellite-based information, Doppler Radar and regular meteorological data;

- (c) Issuance, application and exchange of service products (SIGMET etc.);
- (d) Application of operating systems including Satellite Weather Application Platform (SWAP) and the like;
- (e) Introduction to relevant projects under WMO and China civil aeronautical meteorology situations;
- (f) Visits to CMA and CAAC operational units;
- (g) Participant forum about their respective aeronautical meteorology.

Course Format

Lectures, laboratory practical session, group discussion, study tour and participant presentation etc.

Training Course Requirements

- (a) **Attendance and Participation.** An observation will be made by the training organizers and the participants' attendance and performance at the lectures and other learning activities of the training course would be recorded;
- (b) **Country-specific Presentation Report.** Each participant is required to prepare a country-specific report of the participants' service regarding aeronautical meteorology and a brief introduction of the participant's professional experiences, etc. for the purpose of exchange and presentation during the Participants' Forum;
- (c) **Conclusion Report.** Each participant is required to submit a conclusion report to examine their understanding and acceptance of the knowledge transferred by the end of the training course.

Instructors

Senior experts from CMA, CAAC and NMC, NSMC, CMA Training Centre etc.

Language Used

The course will be conducted in English.

Participant Qualifications for Admission

Participants are required:

- (a) To be specialized in weather forecasting with a minimum of three year's professional experience;
- (b) To be in good physical health with no infectious diseases. Physically fit to fulfill all course activities; candidates with limited physical mobility will not be accepted;
- (c) To be proficient in English;
- (d) To prepare a report on aviation weather forecasting of the participants' service and a brief introduction of the participant's professional experiences for the purpose of exchanges;
- (e) Not to bring family members to the training course in principle; bringing a family member will be at the expense of the participant;
- (f) To observe all the laws, rules and regulations of People's Republic of China and respect the Chinese customs during the training period.

Application and Selection Process

- (a) The applicants must be meteorologists who are working in the field of aviation weather forecasting and other related field from Meteorological and Hydrological Services or Aviation Departments of developing countries. The nominated candidates are requested to submit the Application Forms and Passport Copy (necessary) together with evidence of English proficiency (if there is) to organizers for examination and endorsement;
- (b) Admission Notices will be issued to the accepted participants by e-mail. With the Admission Notices, the participants are requested to go through all the necessary formalities for entering China and bring all the documents (Admission Notices, Health Document, and Application Forms) to RTC-Beijing on the registration date of **11 September 2017**.

Only accepted applicants that receive the Admission Notices endorsed by RTC-Beijing can participate in the training course.

Cost

- (a) Tuition is covered by organizers for all the accepted participants that receive the endorsed Admission Notices;
- (b) The local support to the accepted participants from developing or least developed countries will be provided, including accommodation, meals, and pocket money (50 Yuan RMB per day, 600 Yuan RMB in total for one participant). Normally one application from each developing country or two applications from each least developed country are endorsed for the local support;
- (c) Other accepted applications or their respective governments need to cover their accommodation and meals during the training period;
- (d) The international travel costs including round trip tickets, transit fares and subsistence allowance during the travel are to be covered by the participants or their employers;
- (e) The expenses of visa, medical care, insurances and domestic salaries for the participants should be borne by the participants' employers;
- (f) It should be taken into account when booking the flight tickets that the scholarship covers exclusively from 11 – 22 September 2017. Any liability or expense out of this term shall be entirely at the expense of the participant;
- (g) The organizer of the Training Course on Aeronautical Meteorology Services does not hold any responsibility for such risks as loss of life, accidents, illness, and loss of property incurred during the whole period of participation in the training course.

Deadline for Application

The application with a passport copy should be sent to cylin@mail.iap.ac.cn with copy to WMO Secretariat (wmo@wmo.int) **no later than 7 August 2017**.

Contact Person:

Ms. LIN Caiyan, Training Organizer, ATMB, CAAC Tel: +86-10-6749 9652

Fax: +86-10-87922180

Email: cylin@mail.iap.ac.cn

Ms. DENG Jingmian, Training Organizer, CMATC (RTC-Beijing)

Tel: +86-10-6840 9467

Address: No.46 Zhongguancun Nandajie, Haidian District, Beijing, China

**APPLICATION FORM
INTERNATIONAL TRAINING COURSE ON AERONAUTICAL
METEOROLOGY SERVICES**

(Beijing, China, 11 to 22 September 2017)

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 7 August 2017**.

Ref: 22579/2017-1.4 DRA/ETR

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 _____

Photo

10. History of infectious disease ☐ No ☐ Yes (Please specify if yes)

11. Address: _____

12. Mobile phone _____
 Telephone: _____ Fax: _____

13. E-mail Address _____ @ _____

14. Permanent Address _____

15. Contact person in emergency

Name: _____

Address: _____

Mobile phone: _____

Telephone _____

Fax _____

E-mail Address: _____

@ _____

16. Place of the Chinese Embassy/Consulate/Visa Office where you wish to apply for the visa(if a Chinese visa is required)

17. Statement of present work

Name of institution/Department/Division/Section

Position held _____

Brief description of duties

18. Previous employment history

Date

Institution

Position and Duties

19. Educational and/or professional qualification

Date

Major

University Degree/Diploma

20. Language Proficiency

Mother Tongue _____

English Proficiency (Please tick):

Reading:	a. excellent <input type="checkbox"/>	b. good <input type="checkbox"/>	c. fair <input type="checkbox"/>
Listening:	a. excellent <input type="checkbox"/>	b. good <input type="checkbox"/>	c. fair <input type="checkbox"/>
Speaking:	a. excellent <input type="checkbox"/>	b. good <input type="checkbox"/>	c. fair <input type="checkbox"/>
Writing:	a. excellent <input type="checkbox"/>	b. good <input type="checkbox"/>	c. fair <input type="checkbox"/>

21. State why you wish to attend the course and indicate the practical use of the course to your work in the future

II. Financial Support (not including air ticket)

Do you need local support from CMA if you are a participant from developing countries?

☐ Yes

 ☐ No

If you require travel support, to whom do you intend to apply?

III. International Insurance

I fully understand that the course organizer does not take any responsibility for risks such as loss of life, accidents, illness, loss of property etc.

IV. Personal Statement

I hereby declare that the information given above is true, correct and complete. I shall bear the responsibility for the above information.

I pledge to observe all the Chinese laws and will respect the local customs and follow the course regulations during my stay in China for the training course.

Date Signature of Applicant

V. Endorsement of the Nominator

1. Name of Organization _____

2. Name and Signature of the Permanent Representative With WMO in your country:

Name _____

Signature _____

Official Seal _____

Date _____

VI. Contact Details

Contact Person: Ms. LIN Caiyan; Ms. DENG Jingmian

Address: WMO Regional Training Centre in Beijing
China Meteorological Administration Training Centre 46 Zhongguancun
Nandajie, Beijing 100081, P.R.China

Telephone: +86-10-6749 9652; +86-10-6840 9467

Email: cylin@mail.iap.ac.cn

With a copy to (by fax):

The Secretary-General
World Meteorological Organization
7 bis Avenue de la Paix,
CP 2300 1211 Geneva 2, Switzerland
Fax: +41 22 730 8041
