

## WMO OMM

WEATHER CLIMATE WATER  
TEMPS CLIMAT EAU



World Meteorological Organization  
Organisation météorologique mondiale  
Organización Meteorológica Mundial  
Всемирная метеорологическая организация  
المنظمة العالمية للأرصاد الجوية  
世界气象组织

Secrétariat  
7 bis, avenue de la Paix – Case postale 2300  
CH 1211 Genève 2 – Suisse  
Tél.: +41 (0) 22 730 81 11  
Fax: +41 (0) 22 730 81 81  
wmo@wmo.int – public.wmo.int

Ref.: 24475/2017-1.0 LCP

30 حزيران/ يونيو 2017

22579/2017/ETR/CRS-1217

الرسالة رقم:

عدد المرفقات: 2 (متوافران بالإنكليزية فقط)

الموضوع: دورة تدريبية دولية بشأن "خدمات الأرصاد الجوية للطيران"، مركز التدريب الإقليمي (RTC) التابع للمنظمة العالمية للأرصاد الجوية (WMO)، ببجين، الصين، في الفترة 11-22 أيلول/ سبتمبر 2017

الإجراء المطلوب: استيفاء استمارة ترشيح المشاركين وإعادتها إلى أمانة المنظمة (WMO) في موعد لا يتجاوز 7 آب/ أغسطس 2017

تحية طيبة وبعد،

يسرني إبلاغكم أن جمهورية الصين الشعبية ستستضيف دورة تدريبية دولية بشأن "خدمات الأرصاد الجوية للطيران"، ينظمها مركز التدريب الإقليمي (RTC) التابع للمنظمة العالمية للأرصاد الجوية (WMO) في ببجين، الصين، بالتشارك مع مكتب إدارة الحركة الجوية (ATMB)، وبرعاية هيئة الأرصاد الجوية الصينية (CMA) وإدارة الطيران المدني بالصين (CAAC).

والدورة ستساعد المشاركين على الاطلاع على التقدم المحرز في برنامج الأرصاد الجوية للطيران (AeMP) التابع للمنظمة (WMO)، كما ستساعدهم على تحسين مهاراتهم في التنبؤ، مثل التنبؤ بالظواهر الجوية الخطرة وبارامترات الطقس، وتعزيز قدراتهم على تقديم خدمات الأرصاد الجوية للطيران، لاسيما إصدار معلومات هامة خاصة بالأرصاد الجوية (SIGMET). وبهدف دعم أقل البلدان نمواً والبلدان النامية والبلدان الأخرى، لاسيما في آسيا، في تنفيذ برنامج الأرصاد الجوية للطيران (AeMP) التابع للمنظمة (WMO)، ستعرض الدورة أيضاً أمثلة معتادة لخدمات الأرصاد الجوية للطيران في الصين.

ويُرجى من المرشحين استيفاء "استمارة التقديم" المرفقة (المرفق 2)، والتي ينبغي أن يعتمد عليها الممثل الدائم للبلد المعني لدى المنظمة (WMO)، وإرسالها مباشرة إلى السيدة LIN Caiyan، القائمة على تنظيم التدريب، مكتب إدارة الحركة الجوية (ATMB)، إدارة الطيران المدني بالصين (CAAC)، بالبريد الإلكتروني على العنوان: cylin@mail.iap.ac.cn، مع موافاة أمانة المنظمة (WMO) بنسخة (wmo@wmo.int)، في أقرب وقت ممكن، على ألا يتجاوز ذلك 7 آب/ أغسطس 2017.

وتفضلوا بقبول فائق الاحترام،

(و. تشانغ)  
عن الأمين العام

إلى: الممثلين الدائمين لأعضاء الاتحاد الإقليمي الثاني التابع للمنظمة (WMO)  
الممثلين الدائمين لأعضاء الاتحاد الإقليمي الخامس التابع للمنظمة (WMO)

صورة إلى: رئيس الاتحاد الإقليمي الثاني ورئيس الاتحاد الإقليمي الخامس (للعلم)

**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](mailto:cylin@mail.iap.ac.cn) with copy to WMO Secretariat ([wmo@wmo.int](mailto: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](mailto: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](mailto: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

\_\_\_\_\_