



World Meteorological Organization
Organisation météorologique mondiale

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جنيف، 16 تموز/ يوليو 2012

الرسالة رقم: ETR/CRS-1112

عدد المرفقات: 2 (متوافران بالإنكليزية فقط)

الموضوع: الدورة التدريبية الدولية بشأن "التنبؤ بالمناخ ومراقبة الجفاف والإنذار به على المستوى الإقليمي"، في الفترة من 17 إلى 27 أيلول/ سبتمبر 2012، بيجين، الصين

الإجراء المطلوب: للعلم واتخاذ الإجراء الملأئم، حسب الاقتضاء

تحية طيبة وبعد،

يسرني إبلاغكم أن جمهورية الصين الشعبية ستستضيف دورة تدريبية دولية بشأن "التنبؤ بالمناخ ومراقبة الجفاف والإنذار به على المستوى الإقليمي"، في الفترة من 17 إلى 27 أيلول/ سبتمبر 2012، في مركز التدريب التابع لهيئة الأرصاد الجوية الصينية (CMATC)، بيجين وهو مركز التدريب الإقليمي (RTC) التابع للمنظمة العالمية للأرصاد الجوية (WMO) في الصين.

والدورة موجهة إلى أخصائيي الأرصاد الجوية، لاسيما من البلدان النامية، الذين يعملون في مجال التنبؤ بالمناخ ومراقبة الجفاف والإنذار به والمجالات الأخرى ذات الصلة. وستساعد هذه الدورة المشاركين على تعلم المعارف الخاصة بمراقبة الجفاف والإنذار به والتنبؤ بالمناخ، وتحسين القدرة على التكيف مع المناخ ومراقبة الجفاف والتنبؤ به، وستدار الدورة باللغة الإنكليزية.

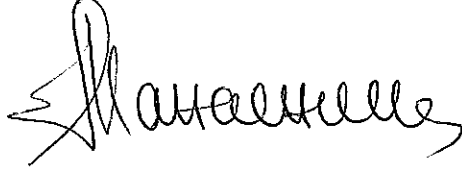
وسيعفى المشاركون المقبولون الذين يتلقون "إخطارات بالقبول" من مركز التدريب الإقليمي (RTC) التابع للمنظمة (WMO) في بيجين من رسوم التدريب. وستقدم الحكومة الصينية للمشاركين، بناء على الطلب، دعماً محلياً من قبيل توفير أماكن الإقامة والوجبات ومصروف للجيب (مبلغ 50 يواناً صينياً يومياً) في بيجين. ويعتمد مركز التدريب الإقليمي (RTC) التابع للمنظمة (WMO) في بيجين مشاركاً واحداً من كل بلد نام أو مشاركين اثنين من كل بلد من أقل البلدان نمواً فيما يتعلق بالدعم المحلي. وفيما يتعلق بالتكاليف الأخرى، مثل بطاقة السفر الدولية ذهاباً وإياباً، وتكاليف تأشيرة الدخول، والرعاية الطبية، والتأمينات، والمرتبات المحلية للمشاركين، فينبغي أن يتحملها المشاركون أو حكوماتهم. ويُنصح المشاركون بالوصول إلى بيجين في 16 أيلول/ سبتمبر 2012 ومغادرتها في 28 أيلول/ سبتمبر 2012. وللحصول على معلومات تفصيلية عن هذه الدورة، الرجاء الرجوع إلى "معلومات التسجيل" (المرفق الأول).

إلى: الممثلين الدائمين لأعضاء المنظمة (أو مديري مرافق الأرصاد الجوية أو الأرصاد الجوية الهيدرولوجية التابعة لأعضاء المنظمة) (PR-6655)

صورة إلى: المستشارين الهيدرولوجيين للممثلين الدائمين

وُرجى من المرشحين المهتمين استيفاء "استمارة الطلب" المرفقة (المرفق الثاني)، التي ينبغي أن يعتمدها الممثل الدائم للبلاد المعني لدى المنظمة (WMO)، وإرسالها مباشرة إلى مركز التدريب التابع لهيئة الأرصاد الجوية الصينية (CMATC)، ويفضل أن يتم ذلك بالفاكس (+86 10 68409225) أو بالبريد الإلكتروني (intcmatc@cma.gov.cn) في أقرب وقت ممكن على ألا يتجاوز ذلك 5 أيلول/ سبتمبر 2012.

وتفضلوا بقبول فائق الاحترام،



(J. مانينكوفا)
عن الأمين العام

ENROLMENT INFORMATION

International Training Course on Regional Climate Prediction and Drought Monitoring and Warning

The International Training Course on Regional Climate Prediction and Drought Monitoring and Warning will be held in Beijing, China from 17 to 27 September 2012 by the WMO Regional Training Centre in Beijing (RTC-Beijing), sponsored by the China Meteorological Administration (CMA).

1. Objectives

The course is designed to help trainees to learn the knowledge of drought monitoring and warning and climate prediction, improve the capability in climate adaptation and drought monitoring and forecasting, especially in developing countries.

2. Date and Venue

17-27 September 2012, WMO Regional Training Centre in Beijing, China.

Note: Participants are expected to arrive in Beijing on 16 September and depart on 28 September.

3. Course Contents

The course includes: (1) basic knowledge of drought and drought characteristics, hydrology cycle and water balance; (2) drought monitoring. Land Data Assimilation System (LDAS), leaky bucket model, different faces of drought; (3) Drought mechanisms. SST and soil moisture, ENSO and SSTA impact on drought; (4) Lecture from the CMA scientist on climate prediction and drought prediction and monitoring; (5) Drought modeling. Climate model to simulate drought, statistical downscaling; (6) Drought prediction, dynamic downscaling, Multi Model Ensemble (MME) overview; (7) Introduction of CPC's climate prediction; (8) MJO and ENSO influence on global drought, real-time global monsoon monitoring and forecast; (9) Reports on regional drought case study, (10) Laboratory section. Working with Leaky Bucket SM model to learn how to calculate Wheeler-Hendon MJO index, using statistical model to forecast WH MJO index, Download multi-model ensemble data from internet and calculation model skills; (11) introduction to the development of China's meteorological service; and (12) visit to the operational centres of CMA.

4. Training Format

Lecture, laboratory practice, group discussion, individual presentation, study tour, etc.

5. Instructors

(a) Dr Qin Zhang, Dr Kingtse Mo and Dr Jin Huang, climate prediction and drought monitoring experts from the NOAA Climate Prediction Center, United States;

(b) Climate experts from Beijing Climate Centre, CMA.

6. Language of Instruction

The course will be conducted in English.

7. Targeted Trainees

Meteorologists who are working in the fields of climate prediction and drought monitoring and warning and other related fields, especially those from developing countries.

8. Participants' Qualifications for Admission

Participants are required:

- (a) To be specialized in climate prediction and drought monitoring and warning with a minimum of one 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 climate prediction and drought monitoring and warning 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, if bringing a family member, the participant has to pay the extra expenses;
- (f) To observe all the laws, rules and regulations of People's Republic of China and respect the Chinese customs during the training period.

9. Application and Admission

- (a) The applicants must be meteorologists who are working in the field of climate prediction and drought monitoring and warning and other related fields from Meteorological and Hydrological Services of developing countries. The nominated candidates are requested to submit the Application Forms to RTC-Beijing for examination and endorsement;
- (b) Admission Notices will be issued to the accepted participants by e-mail/fax by the RTC-Beijing. 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, Application Forms) to RTC-Beijing on the registration date of **16 September 2012**;
- (c) Only accepted applicants that receive the Admission Notices endorsed by RTC-Beijing can participate in the training course.

10. Training Expenses

- (a) Tuition is free for all the accepted participants that receive the endorsed Admission Notices by RTC-Beijing;
- (b) RTC-Beijing will provide local support to the accepted participants from developing countries, including accommodation, meals, and pocket money (50 Yuan RMB per day). Other participants from developed countries shall be responsible for their own local cost.
- (c) 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;
- (d) The expenses of visa, medical care, insurances and domestic salaries for the participants should be borne by the participants' employers.

11. Insurance

The organizer of the Training Course on Regional Climate Prediction and Drought Monitoring and Warning 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.

12. Deadline for application

Applications shall be submitted and reach RTC-Beijing no later than **5 September 2012**.

13. Liaison Information

Attn: Ms. CHEN Jinyang
WMO Regional Training Centre in Beijing
China Meteorological Administration Training Centre
46 Zhongguancun Nandajie
Beijing 100081
China

Tel: +86-10-68408798
Fax: +86-10-68409225,
E-mail: intcmatc@cma.gov.cn

WORLD METEOROLOGICAL ORGANIZATION

ETR/CRS-1112, ANNEX II

APPLICATION FORM

INTERNATIONAL TRAINING COURSE ON REGIONAL CLIMATE PREDICTION AND
DROUGHT MONITORING AND WARNING

(Beijing, China, 17-27 September, 2012)

Note: Please complete the form in legible capital letters and send directly to RTC-Beijing preferably by Email in PDF version as soon as possible but not later than 5 September 2012.

I. Personal Data

1. Surname _____
Given Name _____
2. Gender _____
3. Date of Birth _____
4. Place of Birth _____
5. Passport Number _____
6. Nationality _____
7. Religion _____
8. Marital Status _____
9. Health Condition _____
10. History of infectious disease: ☐ No ☐ Yes

Photo

(Please specify if yes)

11. Address: _____

Telephone _____ Fax _____

E-mail Address: _____@_____

12. Permanent Address: _____

13. Contact person in emergency

Name: _____

Address: _____

Telephone _____ Fax _____

E-mail Address: _____@_____

14. Statement of present work

Name of institution _____

Position held _____

Brief description of duties _____

15. Previous employment history

Date	Institution	Position and Duties
_____	_____	_____
_____	_____	_____
_____	_____	_____

16. Educational and/or professional qualification

Date	Major and University	Degree/Diploma
_____	_____	_____
_____	_____	_____
_____	_____	_____

17. 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

18. 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

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

Yes ☐ No ☐

III. 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.

Signature of Applicant

Date _____

V. Endorsement of the Nominator

1. Name of Organization _____

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

Name _____

Signature _____

Official Seal _____

Date _____

VI. Contact Details

Contact Person:	Ms. CHEN Jinyang
Address:	WMO Regional Training Centre in Beijing China Meteorological Administration Training Centre 46 Zhongguancun Nandajie, Beijing 100081, China
Telephone:	+86-10-68408798
Fax:	+86-10-68409225
E-mail:	intcmatc@cma.gov.cn