



World Meteorological Organization  
Organisation météorologique mondiale

Secrétariat

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Weather • Climate • Water  
Temps • Climat • Eau

Наш исх.: № ETR/CRS-114

ЖЕНЕВА, 28 ноября 2013 г.

Приложения: 2 (имеются только на английском языке)

Вопрос: Международный учебный курс по теме «Эксплуатация метеорологических радиолокаторов», 2-15 марта 2014 г., Сеул, Республика Корея

Предлагаемые меры: Для информации и принятия необходимых мер

Уважаемый господин/Уважаемая госпожа!

С удовольствием информирую Вас о том, что Корейская метеорологическая администрация (КМА) будет проводить с 2 по 15 марта 2014 г. в штаб-квартире КМА, Сеул, Республика Корея, международный учебный курс по теме «Эксплуатация метеорологических радиолокаторов» для 20 участников из национальных метеорологических и гидрологических служб (НМГС) Региональной ассоциации I (Африка), Региональной ассоциации II (Азия) и Региональной ассоциации V (юго-западная часть Тихого океана) ВМО в качестве вклада КМА в осуществление Интегрированной глобальной системы наблюдений ВМО (ИГСНВ).

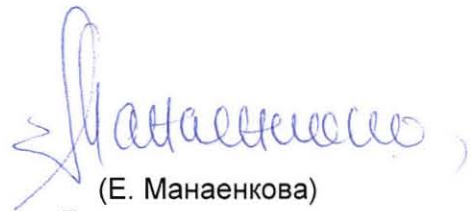
Курс проводится с целью укрепления потенциальных возможностей персонала НМГС, в особенности развивающихся стран и наименее развитых стран (НРС), в области прогнозирования опасных явлений погоды и предупреждений о них. Курс будет предназначен как для метеорологов, так и для инженерно-технических работников, которые занимаются внедрением и эксплуатацией метеорологических радиолокаторов, а также вопросами применения продукции для целей прогнозирования погоды. Программой курса предусматривается прочтение лекций и представление результатов тематических исследований по вопросам, связанным с технологиями наблюдений с помощью метеорологических радиолокаторов и их эксплуатации; приобретением и установкой метеорологических радиолокаторов; производством, анализом и применениями метеорологических радиолокационных данных; посещениями рабочих объектов и обобщением опыта практической деятельности в целях перспективного планирования работы в интересах участвующих стран-членов. В приложении к настоящему письму содержатся «course information» (информация о курсе) (см. приложение I) и «participant nomination form» (форма назначения участника) (см. приложение II).

Постоянным представителям стран – членов Региональной ассоциации I (AFR-776)  
Постоянным представителям стран – членов Региональной ассоциации II (ASE-632)  
Постоянным представителям стран – членов Региональной ассоциации V (PSW-443)

Копии: Советникам по гидрологии постоянных представителей

Заинтересованным кандидатам предлагается заполнить прилагаемый бланк «nomination form» (форма назначения участника) (приложение II), который должен быть подписан постоянным представителем соответствующей страны при ВМО и направлен непосредственно в КМА по факсу: +82 2 833 0429 или по электронной почте: [jeongheek@korea.kr](mailto:jeongheek@korea.kr) как можно скорее, но не позднее 20 декабря 2013 г.

С уважением,



(Е. Манаенкова)  
за Генерального секретаря

## Entry Requirements

Foreigners wishing to enter the Republic of Korea should hold valid passports. Most visitors with confirmed round-trip tickets may stay for 15 days without a visa, although this does not apply to certain nationalities. Any visitors from countries with no diplomatic relations or no special visa exemption arrangements with the Republic of Korea should obtain an entry visa before entering the country. *When uncertain as to the requirements for entry visa to the Republic of Korea, please contact your local Embassy or Consulate as soon as possible.* For more information, please visit the website of the Ministry of Foreign Affairs of the Republic of Korea at <http://www.mofa.go.kr/ENG/visa/application/index.jsp>.

## Local Climate

Climate data for the duration of the course in Seoul are listed below:

Mean precipitation	1.5mm
Mean humidity	59.0%
Mean temperature	4.2°C
Mean min. temp.	0.2°C
Mean max. temp.	8.7°C

## Contact

Dr KIM Jeong-hee (Ms)  
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Korea Meteorological Administration  
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# WORLD METEOROLOGICAL ORGANIZATION

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ETR/CRS-114, ANNEX II

## International Training Course on Weather Radar Operation

2-15 March 2014

Korea Meteorological Administration

Seoul, Republic of Korea

### PARTICIPANT NOMINATION FORM

The Government of \_\_\_\_\_ nominates the following candidate as a participant in the above mentioned training course:

1. Family Name: .....
2. First Name: .....
3. Middle Name: .....
4. Gender:    ☐ Male    ☐ Female
5. Date of Birth: .....
6. Nationality: .....
7. Passport Number and Place and Date of Issue:  
.....
8. Passport Expiry Date: .....
9. Organization: .....  
.....
10. Address of Organization: .....  
.....  
Tel.: ..... Fax: .....  
E-mail: .....
11. Education and Profession:  
.....  
.....  
.....  
.....
12. Present Position and Brief Description of Duties:  
.....  
.....  
.....
13. Native Language\*: .....

*\* In case English is not the nominee's mother tongue, please attach certificate of proficiency in English, such as TOEIC and TOEFL (recommendation).*

14. We have operational weather radar(s): ☐ YES ☐ NO  
(If YES) Number of operational weather radars: .....  
(If NO) We have a plan to introduce a weather radar in the near future:  
☐ YES (Target Year: ) ☐ NO
15. The nominee has experiences on:
- Introduction of weather radar  
☐ YES (how many times: ..... ) ☐ NO
  - Operation of weather radar  
☐ YES (how many years: ..... ) ☐ NO
  - Analysis of weather radar products  
☐ YES (how many years: ..... ) ☐ NO
16. What do you wish to achieve by having your candidate participate in this course?  
.....  
.....  
.....
17. Do you request financial assistance from KMA? ☐ YES ☐ NO  
If YES:
- Air Ticket: ☐ YES ☐ NO
  - Daily Subsistence Allowance: ☐ YES ☐ NO
  - If financial assistance is unavailable, will this prevent you from attending the course? ☐ YES ☐ NO
18. Name, address and phone number of a person to be notified in case of emergency: .....  
.....  
.....
19. Name and Signature of Permanent Representative:  
.....
20. Date: .....

**Please complete and return this form no later than 20 December 2013 to:**

Dr KIM Jeong-hee (Ms)  
Senior Researcher  
Radar Operation Division  
Korea Meteorological Administration  
Tel.: +82 2 2181 0814  
Fax: +82 2 833 0429  
E-mail: jeongheek@korea.kr

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# WORLD METEOROLOGICAL ORGANIZATION

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ETR/CRS-114, ANNEX I

## International Training Course on Weather Radar Operation

2-15 March 2014

Korea Meteorological Administration

Seoul, Republic of Korea

### COURSE INFORMATION

#### Dates and Venue

The training course will be held from 2-15 March 2014 at the Korea Meteorological Administration (KMA) headquarters located in Seoul, Republic of Korea (website: <http://web.kma.go.kr/eng/index.jsp>).

#### Number of Participants

20 participants from NMHSs of WMO RA I, RA II, and RA V

#### Language

The course will be conducted in English.

#### Purpose and Objectives

The purpose of the course is to enhance human capabilities for weather radar services at NMHSs, in particular of the developing countries and least developed countries (LDCs), in line with their national WIGOS implementation.

Through the course, participants will acquire knowledge about: (1) weather radar theories; (2) weather radar hardware and software for operation and applications; and (3) lessons and best practices on introducing weather radar(s) and establishing the weather radar network.

#### Contents

The course is designed for both technicians and engineers who are involved in introducing, operating and managing weather radar, consisting of the following four modules:

##### *Module I: Weather Radar Observation*

- Weather radar basics
- Composition of radar system
- Observation theories
- Scan strategy and antenna schedule
- Understanding the function of radar parameter and setting
- Radar observation software
- Characteristics of weather radar raw data and radar products

##### *Module II: Radar Operation Techniques*

- Weather radar operation and maintenance
- Radar calibration and verification
- Monitoring radar status



- Spare part and accessory for operation
- Operation software
- On-site practice of weather radar operation

#### *Module III: Weather Radar Purchase and Set-up*

- Current status of radar hardware market
- Procedures of purchasing weather radar
- Procedures of weather radar set-up and things to be considered
- Establishment of weather radar network

#### *Module IV: Action Learning*

- Country reports
- Action planning to improve radar observation and its applications

### **Qualification of Participants**

The following criteria should be considered in selecting candidate(s):

- *Education Level:*  
Meteorologist, meteorological technician, hydrologist, or hydrological technician (WMO classification of personnel)
- *Position/Task:*  
Responsible for radar maintenance, operation or utilization
- *Experience:*  
At least 3 years of relevant working experiences
- *Language:*  
To be proficient in English (If English is not the mother tongue, certificate of proficiency in English is requested.)

### **Deadline for Nominations**

The completed nomination form with the signature of the PR of the relevant WMO Member should be returned to the MA (jeongheek@korea.kr) with a copy for the WMO Secretariat **not later than 20 December 2013**.

### **Country Report**

Final participants should submit their country report on general and radar services of their NMHS in MS PowerPoint or Word to jeongheek@korea.kr by 15 February 2014.

### **Financial Support**

It is requested that governments contribute to the expenses related to the participation of their respective nominees, in particular the cost of air tickets. However, if this is not possible, requests for financial assistance can be indicated on the participants nomination form, and these will be considered within the limited funds available in KMA for the course.

### **Insurance**

Participants will be provided with travel insurance for the period of the stay in the Republic of Korea with a minimal range of coverage, and accept limited responsibility for the event that the insurance covers.