



**World Meteorological Organization**  
**Organisation météorologique mondiale**

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 – www.wmo.int

TEMPS • CLIMAT • EAU  
WEATHER • CLIMATE • WATER

Наш исх.: № ETR/CRS-212

ЖЕНЕВА, 9 января 2012 г.

Приложения: 2 (имеются только на английском языке)

Вопрос: Международный учебный курс по теме «Эксплуатация метеорологических радиолокаторов и использование данных», Республика Корея, Сеул, 4-17 марта 2012 г.

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 4 по 17 марта 2012 г. в штаб-квартире КМА, Сеул, Республика Корея, международный учебный курс по теме «Эксплуатация метеорологических радиолокаторов и использование данных» для 18 участников из НМГС Региональных ассоциаций I (Африка) и II (Азия) ВМО.

Курс проводится с целью укрепления в НМГС, в особенности развивающихся стран и НРС, человеческого потенциала в отношении прогнозирования суровой погоды и предупреждений о ней. 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 прогнозов погоды. Программой курса предусматривается прочтение лекций и представление результатов тематических исследований по вопросам, связанным с технологиями метеорологических радиолокационных наблюдений и 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) (приложение I) и «Participant Nomination Form» (Форма назначения участника) (приложение II).

Постоянным представителям стран – членов Региональной ассоциации I (AFR-764)  
Постоянным представителям стран – членов Региональной ассоциации II (ASE-605)

WORLD METEOROLOGICAL ORGANIZATION

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ETR/CRS-212, ANNEX-I

**International Training Course on Weather Radar Operation and Data Utilization**  
**4-17 March 2012**  
**Korea Meteorological Administration**  
**Seoul, Republic of Korea**

**COURSE INFORMATION**

**Dates and Venue**

The training course will be held on 4-17 March 2012 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**

18 participants from NHMSs of the WMO RA I (Africa) and II (Asia).

**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 NHMSs, 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 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/engineers and meteorologists who are

involved in introducing and operating weather radar, and applying products to weather forecasts, consisting of the following five modules:

*Module I: Weather Radar Observation and Operation Techniques*

- Weather radar basics
- Establishment of weather radar network
- Weather radar operation and maintenance
- On-site practice of weather radar operation

*Module II: Weather Radar Purchase and Set-up*

- Procedures of purchasing weather radar
- Procedures of weather radar set-up and things to be considered

*Module III: Weather Radar Data Production and Analysis*

- Characteristics of weather radar raw data and flow of production
- Methods of utilizing weather radar data
- Principles of basic data analysis and utilization
- Weather radar data analysis methods
- Case studies of weather radar analysis

*Module IV: Weather Radar Data Applications*

- Weather radar data application algorithms
- Dual polarization radar

*Module V: 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 analysis

- *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 KMA with a copy for the WMO Secretariat **no later than 20 January 2012.**

### **Country Report**

Final participants should submit their country report on general and radar services of their NMHS in MS PowerPoint or Word to [sunghwa@kma.go.kr](mailto:sunghwa@kma.go.kr) by 17 February 2012.

### **Financial Support**

It is requested that governments consider contributing 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 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.

### **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 entry visa requirements for 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 and Trade of the Republic of Korea at <http://www.mofat.go.kr/english/visa/apply/index.jsp>.

## **Local Climate**

Climate data for the first ten days (1) and the second ten days (2) of March in Seoul are listed below:

	(1)	(2)
Mean precipitation	15.7mm	12.4mm
Mean humidity	62.2%	61.2%
Mean temperature	3.1°C	5.2°C
Mean min. temp.	-0.8°C	1.1°C
Mean max. temp.	7.9°C	10.3°C

## **Contact**

Ms. SOHN Sung-Hwa  
Meteorologist  
HRD Division  
Korea Meteorological Administration  
Tel.: +82 2 2181 0568  
Fax: +82 2 846 9854  
E-mail: [sunghwa@kma.go.kr](mailto:sunghwa@kma.go.kr)

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ETR/CRS-212, ANNEX-II

**International Training Course on Weather Radar Operation and Data Utilization**  
**4-17 March 2012**  
**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. We request financial assistance: ☐ YES ☐ NO
- Air Ticket: ☐ YES ☐ NO
  - Daily Subsistence Allowance: ☐ 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 January 2012 to:**

Ms. SOHN Sung-Hwa  
 Meteorologist  
 HRD Division  
 Korea Meteorological Administration  
 Tel.: +82 2 2181 0568  
 Fax: +82 2 846 9854  
 E-mail: [sunghwa@kma.go.kr](mailto:sunghwa@kma.go.kr)

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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 2 846 9854 или по электронной почте: [sunghwa@kma.go.kr](mailto:sunghwa@kma.go.kr) как можно скорее, но не позднее 20 января 2012 г.

С уважением,

A stylized handwritten signature in black ink, consisting of several sweeping strokes.

(М. Жарро)  
Генеральный секретарь