



World Meteorological Organization
Organisation météorologique mondiale

Secrétariat

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Weather • Climate • Water
Temps • Climat • Eau

Notre réf.: ETR/CRS-114

GENÈVE, le 28 novembre 2013

Annexes: 2 (disponibles en anglais seulement)

Objet: Cours international de formation sur l'exploitation des radars météorologiques
(Séoul, République de Corée, 2-15 mars 2014)

Suite à donner: Pour information et mesures à prendre le cas échéant

Madame, Monsieur,

J'ai le plaisir de vous informer que l'Administration météorologique coréenne (KMA) accueillera du 2 au 15 mars 2014 dans ses locaux, à Séoul, un cours international de formation sur l'exploitation des radars météorologiques. Il est conçu pour 20 participants provenant de Services météorologiques et hydrologiques nationaux (SMHN) des Régions I (Afrique), II (Asie) et V (Pacifique Sud-Ouest), et s'inscrit dans le cadre de la contribution de l'Administration météorologique coréenne à la mise en œuvre du Système mondial intégré des systèmes d'observation de l'OMM (WIGOS).

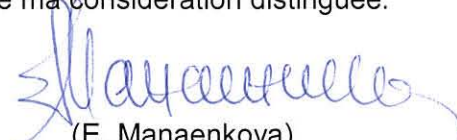
Ce cours vise à accroître les capacités de prévision et d'alerte des SMHN, notamment dans les pays en développement et les pays les moins avancés, en cas de phénomène météorologique extrême. Il s'adresse tant aux météorologues qu'aux techniciens/ingénieurs qui s'occupent d'installer et d'exploiter des radars météorologiques et qui s'en servent pour la prévision du temps. Il y aura des exposés et des études de cas qui porteront sur le fonctionnement des radars météorologiques et les méthodes d'observation par ce moyen, sur l'acquisition et l'installation de ces instruments, sur la collecte, l'analyse et l'exploitation des données de radar météorologique, sur les visites de sites et sur divers aspects pratiques. Vous trouverez ci-joint des informations sur le cours (annexe I) et le formulaire de désignation des participants (annexe II).

Aux: Représentants permanents des Membres du Conseil régional I (AFR-776)
Représentants permanents des Membres du Conseil régional II (ASE-632)
Représentants permanents des Membres du Conseil régional V (PSW-443)

cc: Conseillers en hydrologie auprès des représentants permanents

Les personnes intéressées sont priées de remplir ce formulaire, qui doit être approuvé par le représentant permanent de leurs pays respectifs auprès de l'OMM, et de le renvoyer **directement à l'Administration météorologique coréenne, par facsimilé (+82 2 833 0429) ou courriel (jeongheek@korea.kr)**, le plus rapidement possible, au plus tard le 20 décembre 2013.

Veuillez agréer, Madame, Monsieur, l'expression de ma considération distinguée.



(E. Manaenkova)
pour le Secrétaire général

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.

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

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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:

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