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

Secrétariat

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Our ref.: 05677/2019/DRA/ETR

12 March 2019

Annexes: 3 (available in English only)

Subject: International Training Course on "Automated Weather Observing System (AWOS) Installation, Maintenance and Operation", 16-20 September 2019, Alanya, Turkey

Action required: For information and appropriate action, as necessary, not later than **30 June 2019**

Ref.: 05677/2019-1.6 DRA/ETR

Dear Sir/Madam,

I have the pleasure to inform you that the Republic of Turkey will host an International Training Course on "Automated Weather Observing System (AWOS) Installation, Maintenance and Operation", from 16 to 20 September 2019, at the World Meteorological Organization Regional Training Centre (RTC) facilities in Alanya, Antalya, Turkey.

This training course is open to meteorologists, engineers and meteorological technicians working in the fields related to installation, maintenance and operation of Automated Weather Observing Systems and will be conducted in English. Please find attached the "Course Information" (Annex I) and the "Course Programme" (Annex II) for more information about the course and application procedure.

The Turkish State Meteorological Service (TSMS) will waive the tuition fee to all participants and provide only one accepted participant from each country with full board accommodation, including bed, breakfast, lunch, dinner and local transfers. There will be no additional payment from TSMS to cover per diem or international and domestic travel costs or any other expenses such as transit fares, visa fees, etc. which are expected to be covered by the participants themselves or their respective Governments.

Interested candidates are requested to complete the attached "Application Form", (Annex III) which should be endorsed by the Permanent Representative of their respective countries, and sent directly to the RTC Turkey (Ms Afife Hande Türkyılmaz, ahturkyilmaz@mgm.gov.tr) not later than **30 June 2019**.

Yours faithfully,

(E. Manaenkova)
for the Secretary-General

To: Permanent Representatives (or Directors of Meteorological or Hydrometeorological Services) of Members of WMO

cc: Hydrological Advisers to Permanent Representatives



**International Training Course on
“AWOS Installation, Maintenance and Operation”
16-20 September 2019, Alanya, Antalya, TURKEY**

Course Information

Objectives

The purpose of this course is to give a general view and information about the basic features and components of Automated Weather Observing System (AWOS). Throughout the course, knowledge and experiences about AWOS will be shared between the participating countries.

Expected Participants

This training course is open to all WMO Members and aimed at the meteorologists, technicians and engineers, who studied meteorology, electric and electronics, computers and other related fields and working on the fields related to installation, maintenance and operation of Automated Weather Observing System and have good level of English.

Content

- General Introduction of Turkish State Meteorological Service (TSMS)
- General Information about AWOS
- Operating Principles of Sensors
- Data Acquisition and Transfer
- Data Quality Control
- Lightning Detection System
- Country Presentations
- AWOS Application Server for Data Acquisition and Archiving
- Practical Application of Database Server
- Practical Application at the AWOS Site
- General Problems and Solutions while operating an AWOS
- General Evaluation

Format

The course will consist of theoretical part, group learning activities, case studies and on the job training at the AWOS site.

Language

The training course will be conducted in English and all documentation will be in English. No translation/interpretation services will be available.



Venue of the course

The course will be conducted at WMO RTC (Regional Training Center) Facility of TSMS in Alanya between 16 and 20 September 2019, where the accommodation, PCs and Internet facilities will be available for the participants.



Address of the facility is stated below:

Atatürk Cad.
Meteoroloji Sokak No:3
Alanya/Antalya
TURKEY

Accommodation and Meal

TSMS will provide full board accommodation and meal including breakfast, lunch, dinner and coffee breaks for one participant from each country.

Travel Arrangements

As the host of the training, TSMS will arrange transportation to and from the airport to the Regional Training Center and transportation for the field visits. The international travel expenses between Turkey and the home town of the participants will have to be borne by the recipient members or by other means. Please note that there will be no international travel support by TSMS. The nearest international airport to Alanya RTC Facility is Antalya International Airport.

Please be informed that there will be **no additional payment** from TSMS to cover per diem or international and domestic travel costs or any other expenses like transit fares, visa fees, etc., which are expected to be covered by the participants themselves or their respective Governments.

Insurance

Participants are fully responsible for any expenses in the event of death, illness or injury attributable to the attendance at course and for arranging for such life, health and other form of insurance as they consider appropriate. The participants are highly recommended to make a travel insurance which covers their travel and visit period. TSMS accepts no responsibility for compensation in such events.



Required Documents for Application

- 1- The Permanent Representative should nominate the participant with an official letter.
- 2- Application form should be filled by the participant and signed by Permanent Representative of the participant with WMO.
- 3- Photocopy of passport should be submitted with the application form and the official letter (the passport photocopy should include the followings: Name, Date of Birth, Nationality, Gender, Passport Number and Expire Date).

Deadline for Application:

Application forms should be sent to the course coordinator before **30 June 2019**.

Course Coordinator

For any information regarding the course and local logistics arrangements, participants should contact:

Ms. Afife Hande Türkyılmaz
External Relations Division
Turkish State Meteorological Service
Phone : 0090 312 302 27 92
E-mail : ahturkyilmaz@mgm.gov.tr

**International Training Course on
“AWOS Installation, Maintenance and Operation”
16-20 September 2019, Alanya, Antalya, TURKEY**

Ref.: 05675/2019-1.0 DRA/ETR

Day	Hour	Subject	Lecturer
16 September 2019 Monday	09:30-10:15	Opening ceremony	All participants
		Break	
	10:30-11:15	General Introduction of Turkish State Meteorological Service (TSMS)	İsmail TEMİR
		Break	
	11:30-12:15	General Information about AWOS	Cemal CANATAN
		Lunch	
	14:00-14:45	General Information about AWOS	Cemal CANATAN
		Break	
	15:00-15:45	General Information about AWOS	Cemal CANATAN
		Break	
	16:00-16:45	Operating Principles of Sensors	Aytaç HAZER
17 September 2019 Tuesday	09:30-10:15	Operating Principles of Sensors	Aytaç HAZER
		Break	
	10:30-11:15	Operating Principles of Sensors	Aytaç HAZER
		Break	
	11:30-12:15	Operating Principles of Sensors	Aytaç HAZER
		Lunch	
	14:00-14:45	Data Acquisition and Transfer	Zafer ŞAHİNGÖZ
		Break	
	15:00-15:45	Data Acquisition and Transfer	Zafer ŞAHİNGÖZ
		Break	
	16:00-16:45	Lightning Detection System	Zafer ŞAHİNGÖZ
18 September 2019 Wednesday	09:30-10:15	Data Quality Control	Hüseyin ŞENER
		Break	
	10:30-11:15	Data Quality Control	Hüseyin ŞENER
		Break	
	11:30-12:15	Data Quality Control	Hüseyin ŞENER
	Lunch		
	13:30-16:30	Excursion	-
19 September 2019 Thursday	09:30-10:15	AWOS Application Server for Data Acquisition and Archiving	Mustafa SERT
		Break	
	10:30-11:15	AWOS Application Server for Data Acquisition and Archiving	Mustafa SERT
		Break	
	11:30-12:15	Practical Application of Database Server	Mustafa SERT
	Lunch		
	14:00-14:45	Practical Application at the AWOS site	İsmail TEMİR Cemal CANATAN Aytaç HAZER Zafer ŞAHİNGÖZ

			Hüseyin ŞENER Mustafa SERT
		Break	
	15:00-15:45	Practical Application at the AWOS	İsmail TEMİR Cemal CANATAN Aytaç HAZER Zafer ŞAHİNGÖZ Hüseyin ŞENER Mustafa SERT
		Break	
	16:00-16:45	Practical Application at the AWOS	İsmail TEMİR Cemal CANATAN Aytaç HAZER Zafer ŞAHİNGÖZ Hüseyin ŞENER Mustafa SERT

20 September 2019 Friday	09:30-10:15	Country Presentations	Participating Countries
		Break	
	10:30-11:15	General Evaluation of Course	İsmail TEMİR
		Break	
	11:30-12:15	Closing Ceremony	
		Lunch	
		Free time	

**International Training Course on
“AWOS Installation, Maintenance and Operation”
16-20 September 2019, Alanya, Antalya, TURKEY**

APPLICATION FORM

Note: Please complete the form in **CAPITAL LETTERS**; get it scanned in PDF format, and send directly to the **Afife Hande Türkyilmaz (ahturkyilmaz@mgm.gov.tr)** with a **passport copy and official letter signed by your PR** not later than **“30 June 2019”**.

1. Country:		Photo
2. Given name:		
3. Family Name:		
4. Gender:	<input type="checkbox"/> Female <input type="checkbox"/> Male	
5. Date of birth:		
6. Nationality:		
7. Passport number:		
8. Name of the Organization:		
9. Official address:		
10. Telephone number:		
11. E-mail address:		

<p>12. Details of contact person in case of emergency:</p>	
<p>13. Qualification (certificates, diplomas, degrees):</p>	
<p>14. English proficiency:</p>	<p><input type="checkbox"/> Excellent <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor <input type="checkbox"/> Nil</p>
<p>15. Current position and brief description of duties:</p>	
<p>16. State why you wish to attend the course and indicate the practical use of the course to your work in the future:</p>	
<p>17. a. Do you require travel support? b. If you require travel support, to whom do you intend to apply</p>	<p>a) <input type="checkbox"/> Yes <input type="checkbox"/> No b)</p>
<p>c. Do you need an entry visa for Turkey? (http://www.mfa.gov.tr/visa-information-for-foreigners.en.mfa)</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>

d. Departure City & Airport:	
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e. Declaration by applicant:

- 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.
- 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 Turkish laws and will respect the local customs and follow the course regulations during my stay in Turkey for the training course.

Date: _____ Signature of applicant: _____

f. Statement by the Permanente Representative with WMO on why this nominee should be selected for this course:

I endorse this application.

Date: _____ Name of the Permanent Representative _____ Signature _____

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Contact Details

Contact Person : Afife Hande Turkyılmaz
Telephone : 0090 312 302 2792
E-mail : ahturkyilmaz@mgm.gov.tr
Address : Kutukçu Alibey Mahallesi No:4 Keçioren / ANKARA

To be returned to the Contact Point not later than 30 June 2019