



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

TEMPERATURE • CLIMATE • PAU
WEATHER • CLIMATE • WATER

Nuestra ref.: ETR/CRS-1212

GINEBRA, 18 de julio de 2012

Anexos: 2 (disponibles en inglés solamente)

Asunto: Sexto Curso internacional de formación sobre telecomunicaciones meteorológicas y sistema de información de la OMM, del 1 al 6 de octubre de 2012, Antalya, Turquía

Finalidad: Para información y para que se adopten las medidas pertinentes, según proceda

Estimado señor/Estimada señora:

Me complace informarle que Turquía oficiará como anfitrión del sexto Curso internacional de formación sobre telecomunicaciones meteorológicas y sistema de información de la OMM, que se celebrará del 1 al 6 de octubre de 2012 en Antalya, Turquía.

El curso tiene por objeto impartir a los participantes conocimientos sobre los principales aspectos del Sistema de información de la OMM (SIO) y sus aplicaciones y metadatos así como la migración a claves determinadas por tablas (CDT) y BUFR. El principal objetivo del curso consiste en explicar a los participantes las aplicaciones actuales y proporcionarles información útil que podrán aplicar en sus Servicios. La formación se dará en inglés.

El Servicio Meteorológico Nacional de Turquía exonerará a los participantes del pago de los gastos de matrícula. El alojamiento en pensión completa, con inclusión del alojamiento, el desayuno, el almuerzo, la cena y el transporte de ida y vuelta al aeropuerto de Antalya, será sufragado por el Servicio Meteorológico Nacional de Turquía para un solo participante por país que haya sido aceptado. Los gastos del viaje internacional, incluidos los billetes de ida y vuelta y las tasas de aeropuerto, correrán por cuenta del participante o de su gobierno. Se adjunta información sobre el curso en el anexo I y el formulario de designación de participantes en el anexo II.

Se ruega a los participantes designados que completen el formulario de designación de participantes adjunto, que deberá estar aprobado por el Representante Permanente de sus respectivos países, y que lo envíen directamente al Centro regional de formación de Turquía, a más tardar el **3 de septiembre de 2012**.

Le saluda atentamente.

(E. Manaenkova)
por el Secretario General

A los Representantes Permanentes de los Miembros de la Asociación Regional I (AFR-766)
Representantes Permanentes de los Miembros de la Asociación Regional II (ASE-610)
Representantes Permanentes de los Miembros de la Asociación Regional VI (EUR-722)

copias: Asesores hidrológicos de los Representantes Permanentes

WMO RTC-TURKEY
The 6th International Training Course on Meteorological Telecommunication and WMO Information System
1-6 October 2012
Antalya, TURKEY

COURSE INFORMATION

1. Course Aims

In meteorology, the accuracy of data and the rapidness of data transfer have a vital importance. In this context, telecommunication quality and technological development on communication techniques have a very important role for meteorological organizations. In parallel with the technological development, the meteorological data format and the IT infrastructures of NMHSs have been improving. Training activities have a very important role for adapting these changes and updates. This course is designed to provide participants with knowledge on main aspects of WMO Information System (WIS), WIS applications and metadata as well as the Migration to Table Driven Code Forms and BUFR. The main objective of this course is to enlighten the participants on current applications and providing useful information which will be possible to perform at their Services.

2. Course Content

The programme of the course will be composed of modules, and the main topics of the course are listed below. The lectures will be followed by the individual presentations.

- WMO Information System (WIS)
- WIS applications, DAR Metadata
- Open source data dissemination tool
- Migration to Table Driven Code Forms (MTDCF)
- Turkish State Meteorological Service: A specialized software for communication and meteorological applications (METCAP)
- Participants' Presentations (Optional)¹

Detailed course programme will be sent to the accepted participants in due time.

3. Instructors

Dr Eva CERVENA - Chair of Task Team on Migration to Table Driven Code Forms, Mr Markus HEENE - WIS Project Manager of DWD, an Expert from WMO, and Experts from the Turkish State Meteorological Service.

4. Course Dates and Venue

1-6 October 2012, Antalya, Turkey. The course will be conducted at an hotel in the Antalya region. The participants will be informed about the exact venue in due time. Due to the facilities at the hotel, probably no PCs would be available for the participants. It is strongly recommended to the participants to bring their portable computers.

5. Course Language

The course will be conducted in English.

¹ The presentations will be in MS PowerPoint format and each presentation will not exceed the period of 15 minutes.

6. **Qualification of Participants**

This course is designed for the meteorological experts who have the considerable experience and qualifications on Meteorological Telecommunication System and Meteorological Data Formats. Fluency in English is essential. The candidates should be aware of Migration to Table Driven Code Forms and the national migration plans should be ready to present along the course period.

7. **Deadline for Nominations**

The course is limited to 20 participants. Interested candidates are requested to complete the attached Nomination form (Annex II) and return it to the Turkish State Meteorological Service with a copy to the WMO Secretariat no later than **3 September 2012**.

8. **Payment of Registration or Tuition Fees**

Tuition fees will be waived and all administrative expenses of the course will be covered by Turkish State Meteorological Service (TSMS).

9. **Air fare Costs**

The international travel expenses between Antalya, Turkey and the home town of participants will have to be borne by the recipient Members or by other means. Please note that there will be no travel support by TSMS.

10. **Local Transfers**

All local transfers between Antalya Airport and the Course Venue will be provided by WMO RTC-Turkey at no cost.

11. **Accommodation and Food**

WMO RMTTC-Turkey will provide **full board** accommodation, including **room, breakfast, lunch, dinner, and coffee breaks** for one participant from each country. Please note that there will be no per diem allowance payable for the participants.

12. **Cultural Programme**

An excursion programme including the natural, historical and cultural heritage of Antalya will be organized for participants on 6 October 2012.

13. **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.

14. **Climate Data for the Period of the Course**

Climate data for Antalya during October are given below:

Mean precipitation	: 74.8mm
Mean humidity	: 56%
Mean temperature	: 19.8 C°
Mean maximum temperature	: 26.7 C°
Mean minimum temperature	: 14.9 C°
Mean sea-water temperature	: 24.0 C°

15. Contacts

Mr Murat ALTINYOLLAR

External Relations Division, Turkish State Meteorological Service

Tel: +90 312 302 2797

Fax: +90 312 359 7568

E-mail: maltinyollar@mgm.gov.tr

RTC-Turkey Web Page: <http://www.rtc.dmi.gov.tr/>

**The 6th International Training Course on
Meteorological Telecommunication, WIS and TDCF
(1-6 October 2012, Antalya, Turkey)**

DRAFT TIMETABLE

DAY	HOUR	SUBJECT	LECTURER
Monday (1.10.2012)	09:00	<i>REGISTRATION and OPENING CEREMONY</i>	
	10:00-10:45	GTS in General	TSMS
		<i>Coffee Break</i>	
	11:00-11:45	GTS in General	TSMS
		<i>Lunch</i>	
	13:00-13:45	WMO Information System	Expert from WMO
		<i>Coffee Break</i>	
	14:00-14:45	WMO Information System	Expert from WMO
		<i>Coffee Break</i>	
	15:00-15:45	<i>Meteorological Telecommunication</i>	TSMS
		<i>Coffee Break</i>	
	16:00-16:45	<i>Meteorological Telecommunication</i>	TSMS
Tuesday (2.10.2012)	09:00-09:45	Implementation guidance for NC/DCPC Centres	Expert from WMO
		<i>Coffee Break</i>	
	10:00-10:45	WIS architecture and/or the formal WIS centre nomination procedures	Expert from WMO
		<i>Coffee Break</i>	
	11:00-11:45	Introduction to MTDCF	Eva Cervena
		<i>Lunch</i>	
	13:00-13:45	Introduction into DAR Metadata	Marcus Heene
		<i>Coffee Break</i>	
	14:00-14:45	Tools for DAR Metadata Generation, Validation and Maintenance	Marcus Heene
		<i>Coffee Break</i>	
	15:00-15:45	Tools for DAR Metadata Generation, Validation and Maintenance	Marcus Heene
	<i>Coffee Break</i>		
	16:00-16:45	<i>Meteorological Telecommunication</i>	TSMS
Wednesday (3.10.2012)	09:00-09:45	WIS data communication network	Expert from WMO
		<i>Coffee Break</i>	
	10:00-10:45	WIS data communication network	Expert from WMO
		<i>Coffee Break</i>	
	11:00-11:45	Review DAR Metadata for some WIS NC which participate the course	Marcus Heene
		<i>Lunch</i>	
	13:00-13:45	Review DAR Metadata for some WIS NC which participate the course	Marcus Heene
		<i>Coffee Break</i>	
	14:00-14:45	General Philosophy of TDCF	Eva Cervena
		<i>Coffee Break</i>	
	15:00-15:45	BUFR Code Form	Eva Cervena
	<i>Coffee Break</i>		
	16:00-16:45	BUFR Code Form	Eva Cervena

Thursday (4.10.2012)	09:00-09:45	Hands-on Implementation of DAR Metadata	<i>Marcus Heene</i>
	<i>Coffee Break</i>		
	10:00-10:45	Open source data dissemination tool (AFD)	<i>Marcus Heene</i>
	<i>Coffee Break</i>		
	11:00-11:30	<i>Meteorological Telecommunication</i>	<i>TSMS</i>
	<i>Lunch</i>		
	13:00-13:45	GTS aspects of MTDCF	<i>Eva Cervena</i>
	<i>Coffee Break</i>		
	14:00-14:45	BUFR/CREX Templates and Regulations	<i>Eva Cervena</i>
	<i>Coffee Break</i>		
	15:00-15:45	WMO and Regional Migration Plans	<i>Eva Cervena</i>
	<i>Coffee Break</i>		
16:00-16:45	<i>OPTIONAL</i>		
Friday (5.10.2012)	09:00-09:45	Frequently asked questions	<i>Eva Cervena</i>
	<i>Coffee Break</i>		
	10:00-10:45	Frequently asked questions	<i>Eva Cervena</i>
	<i>Coffee Break</i>		
	11:00-11:45	<i>TSMS – Migration to TDCF</i>	<i>TSMS</i>
	<i>Lunch</i>		
	13:00-13:45	<i>TURKMETCAP Software</i>	<i>TSMS</i>
	<i>Coffee Break</i>		
	14:00-14:45	<i>Participants' Presentations (Optional)</i>	
	<i>Coffee Break</i>		
15:00-15:45	<i>Course Evaluation, Questions and Answers</i>	<i>All</i>	

WORLD METEOROLOGICAL ORGANIZATION



ETR/CRS-1212, ANNEX II

WMO RTC-TURKEY
The 6th International Training Course on
Meteorological Telecommunication and WMO Information System
1-6 October 2012
Antalya, Turkey

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 (underline) 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. Mother Tongue:.....

14. Name, address and Phone number of person to be notified in case of emergency

.....
.....
.....

15. What do you wish to achieve by having your candidate participate in this course?

.....
.....
.....
.....

16. Name and Signature of Permanent Representative.....

.....

17. Date.....

Please complete and return this form no later than **3 September 2012**.

TO:

Mr Murat ALTINYOLLAR,
External Relations Division, Turkish State Meteorological Service
Tel : + 90 312 302 2797
Fax : + 90 312 359 7568
E-mail: maltinyollar@mgm.gov.tr
