WMO OMM

WEATHER CLIMATE WATER
TEMPS CLIMAT EAU

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

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Наш исх.: 09317/2017/ETR/CRS-517 10 марта 2017 г.

Приложения: 2 (имеются только на английском языке)

Вопрос: Международный учебный курс по теме «Пакет визуализации MetcapPlus и программное обеспечение TAC2BUFR» с 24 по 28 апреля 2017 г., Аланья, Анталья, Турция

Предлагаемые меры: Для информации и принятия необходимых мер

Уважаемый господин/Уважаемая госпожа!

Рад сообщить Вам о том, что Республика Турция выступит в качестве принимающей стороны при проведении международного учебного курса по теме «Пакет визуализации MetcapPlus и программное обеспечение TAC2BUFR» с 24 по 28 апреля 2017 г. в региональном учебном центре (РУЦ) ВМО в Аланье, Турция.

Курс предназначен для метеорологов и прогнозистов, и он будет проводиться на английском языке. Плата за обучение Турецкой государственной метеорологической службой (ТГМС) взиматься не будет, а размещение с полным пансионом, включая проживание, завтрак, обед, ужин и местные трансферы, будет предоставляться ТГМС только для одного участника из каждой страны, принятого для прохождения курса. Расходы на проезд по международным маршрутам, включая авиабилеты в оба конца и транзитные сборы, должны покрываться непосредственно самими участниками или их соответствующими правительствами. В приложении к настоящему письму содержатся «Course Information» (информация о курсе) (приложение 1) и «Nomination Form» (форма назначения) (приложение 2).

Заинтересованным кандидатам предлагается заполнить прилагаемую форму назначения, которая должна быть завизирована постоянным представителем их соответствующих стран, и направить ее непосредственно в РУЦ Турция (г-ну Энверу Эрбасу, eerbas@mgm.gov.tr) не позднее **31 марта 2017 г.**

С уважением,

(В. Чжан)
за Генерального секретаря

Постоянным представителям (или директорам метеорологических или гидрометеорологических служб) Членов ВМО

Копии: Советникам по гидрологии при постоянных представителях

INTERNATIONAL TRAINING COURSE ON
"METCAPPLUS VISIUALIZATION PACKAGE and TAC2BUFR SOFTWARE"
(Alanya, Turkey, 24-28 April 2017)

COURSE INFORMATION

1. General information

One of the most important steps of weather forecasting is to visualize observations from different sensors and centers and combine them with numerical models to simplify the forecasters heavy tasks. Observation types may vary from synoptic codes from traditional stations to scanning data from brand new radar systems.

The Turkish State Met Service (TSMS) developed a visualization package named MetcapPlus (Meteorological Communication and Application Package) by using its own capabilities and staff to handle huge data from observation systems and numerical models. This package has already been developed to fulfil demands from the users.

TSMS are keen to share this package with the other Met Services and state entities, like universities, free of charge. MetcapPlus has already been donated and installed to the centers of many demanding organizations including universities.

WMO has defined schedules to switch from traditional code formats to BUFR in some observation types like synoptic and upper-air. Some Met Service are still unable to send their observations in BUFR format to GTS for various reasons. The software package developed by TSMS converts the Traditional Alphanumerical Codes (TAC) to BUFR format and sends both created BUFR bulletin and classical bulletin to the Regional Telecommunication Hubs (RTHs). This small package may also be used by any meteorological organization.

2. Objectives

The objectives of the course on MetcapPlus are to provide information about the package and make the participants competent in:

- Installation of the package
- Creating user defined maps
- Creating actual charts
- Creating NWP charts
- Creating forecast graphics for any point
- Using satellite data from EUMETSAT to create different products
- Using radar data to create charts
- Combining actual data with NWP, satellite and radar data.
- Skewt diagram
- Aviation charts
- Brief information about BUFR code
- Converting TAC synoptic observations to BUFR
- Converting TAC upper-level observations to BUFR
- TAC2BUFR RTH connection settings

3. Content

- Introduction to meteorological charts
- BUFR code
- Contouring different parameters
- NWP products from different centers in different formats
- Synoptic code
- TEMP code
- Significant weather charts in BUFR

- Analysing Skewt diagram
- Updating station catalogue
- METAR and SPECI observations
- TAF reports
- Adding products to dashboards
- Weather monitoring and warnings
- Introduction to TAC2BUFR software

4. Course format

The course will consist of group learning activities, case studies, and field trips.

5. Course language

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

6. Venue of the course

The training course will be held in Alanya Facilities of the WMO RTC in Turkey, located at:

Atatürk cad. Meteoroloji sokak, No:3
Saray Mahallesi
Alanya, ANTALYA
TURKEY

7. Travel and accommodation arrangements

The Turkish State Meteorological Service (TSMS) will waive the tuition fee and provide full board accommodation, including bed, breakfast, lunch, dinner, and local transfers for only one accepted participant from each country. The international travel costs, including round trip tickets and transit fares, are to be covered by the participants themselves or their respective Governments. Please be informed that no additional per diem and/or travel costs will be paid and the participants are expected to arrive on 23 April 2017 and depart on 29 April 2017. As the TSMS will arrange transportation to and from the airport to Alanya Facilities of the RTC Turkey, the accepted participants will be required to provide their international arrival/ departure details to the course coordinator well in advance.

8. Eligibility

This training course is open to one participant from each country and aimed at the meteorologists and forecasters who studied meteorology and who have a good command of English. The candidates must be familiar with windows PCs and programs.

9. Deadline for application

Interested candidates are requested to complete the attached Nomination Form, and send it together with their passport copy directly to the course coordinator by **31 March 2017**.

10. Required documents for application

a) Nomination Form: The attached Nomination Form should be completed and then endorsed by the Permanent Representative of their respective countries, and sent directly to the course coordinator, Mr Enver Erbaş, by e-mail to eerbas@mgm.gov.tr;

b) Photocopy of passport: Applicants should submit a copy of their passport with the Nomination Form, where their full names, date of birth, nationality, gender, passport number, and expiration date should be clearly visible.

11. Course coordinator

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

Mr Enver Erbaş
Course Coordinator
External Relations Division
Turkish State Meteorological Service
Phone: +90 312 203 29 25
E-mail: eerbas@mgm.gov.tr

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INTERNATIONAL TRAINING COURSE ON
"METCAPPLUS VISIUALIZATION PACKAGE and TAC2BUFR SOFTWARE"
(Alanya, Turkey, 24-28 April 2017)

NOMINATION FORM

Note: Please complete the form in **TYPED CAPITAL LETTERS** and get it scanned in PDF version, send **directly to RTC-Turkey** by e-mail with a passport copy **not later than 31 March 2017.**

I. Personal Data

Photo

1. Surname _____
2. Given Name _____
3. Gender _____
4. Date of Birth _____
5. Passport Number_____
6. Nationality_____
7. Health Condition _____
8. History of infectious disease: ☐ No ☐ Yes

   (If yes, please specify_____)
9. Address:_____

   _____

   _____

Mobile phone: _____Telephone _____

E-mail Address: _____@_____

10. Contact person in case of emergency:

Name:_____

Mobile phone: _____Telephone _____

E-mail Address: _____@_____

11. Name of institute (Department/Division/Section)

    _____

    _____

    _____

12. Position held _____
13. Brief description of duties

    _____

    _____

    _____

    _____

14. Educational and/or professional qualification

    Date Major and University Degree/Diploma

    _____

    _____

    _____

    _____

    _____

    _____

15. Language Proficiency

    Mother Tongue _____

    English Proficiency (Please tick):

Reading:	a. excellent	b. good	c. fair	d. poor
Listening:	a. excellent	b. good	c. fair	d. poor
Speaking:	a. excellent	b. good	c. fair	d. poor
Writing:	a. excellent	b. good	c. fair	d. poor

16. State why you wish to attend the course and indicate the practical use of the course to your work in the future.

    _____

    _____

    _____

    _____

    _____

II. Financial Support

Do you need local support from RTC-Turkey?

☐ No ☐ Yes

If you require international travel support, to whom do you intend to apply? _____

Depart City & Airport: _____

III. International Insurance

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.

IV. Personal Statement

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: _____

V. Endorsement of the Nominator

Name of the Permanent Representative (PR) of nominating country with WMO:

_____

Date:_____ Signature of PR: _____

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