



World Meteorological Organization
Organisation météorologique mondiale

Secrétariat

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Weather • Climate • Water
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Our ref.: RES/ARE/CAS16-TECO

GENEVA, 11 July 2013

Annexes: 2 (available in English only)

Subject: CAS Technical Conference on “Responding to the Environmental Stressors of the 21st Century” (Antalya, Turkey, 18-19 November 2013)

Dear Sir/Madam,

As you are aware, at the kind invitation of the Government of Turkey, the sixteenth session of the Commission for Atmospheric Sciences (CAS-16) of WMO will be held in Antalya, Turkey, from 20 to 26 November 2013.

I am pleased to inform you that in conjunction with the CAS-16 session, WMO is organizing a Technical Conference on “Responding to the Environmental Stressors of the 21st Century” on 18 and 19 November 2013 at the same venue. These events will be hosted by the Turkish State Meteorological Service (TSMS).

Please find enclosed background information of the Technical Conference (see Annex I). For further information regarding the Conference, it is suggested to visit the Conference website at <http://www.wmo.int/pages/prog/arep/cas/CAS16-TECO.html>. The working language of the Technical Conference will be English only.

I should be grateful if you would kindly examine the possibility of an expert from your Service attending this Technical Conference. It is hoped that the costs of participation of your expert will be borne by the Government of your country or your Service. However, if it is not possible for your Government or your Service to meet all the expenses for the attendance of your expert, WMO could consider, upon request, providing air ticket (most economical/direct cheapest fare) and a lump sum amount in lieu of per diem for this purpose.

To: Permanent Representatives (or Directors of Meteorological or Hydrometeorological Services) of Members of WMO (PR-6708)

cc: Presidents and vice-presidents of technical commissions)
Presidents of regional associations) (fr information)
CAS Management Group members)

Given the limited financial resources available for this Conference, priority will be given to CAS members experts from developing countries and countries with economies in transition, who will also attend the CAS-16 session.

I should like to invite you to complete the Provisional Registration Form (see Annex II) and return it to the WMO Secretariat not later than **12 August 2013**.

I would also like to draw your attention and request you to review the CAS membership representing your country, and ensure that WMO is kept informed of the updates on this matter.

Yours faithfully,

A handwritten signature in dark ink, consisting of a stylized, cursive 'J' followed by a long, sweeping horizontal line that extends to the right.

(J. Lengoasa)
for the Secretary-General

WORLD METEOROLOGICAL ORGANIZATION

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RES/ARE/CAS16-TECO, ANNEX I

TECHNICAL CONFERENCE ON "RESPONDING TO THE ENVIRONMENTAL STRESSORS OF THE 21ST CENTURY"

(Antalya, Turkey, 18-19 November 2013)

OVERVIEW

The World Meteorological Organization (WMO) is organizing the Technical Conference on "Responding to the Environmental Stressors of the 21st Century" (Antalya, Turkey, 18 and 19 November 2013). The Conference will be held in connection with the sixteenth session of the Commission for Atmospheric Sciences (CAS-16) which is scheduled from 20 to 26 November 2013. At the kind invitation of the Government of Turkey, both events will be hosted by the Turkish State Meteorological Service (TSMS).

BACKGROUND

In an era of rapid global change, humanity is experiencing new and evolving threats to sustainability. Many of these threats are related to a complex combination of weather, climate, water, and related environmental phenomena with a growing and urbanizing population. The 21st Century will be a challenging time in which many established practices will require modification to accommodate the limitations imposed by the Earth which has finite dimensions and resources. Policies and decisions that minimize risk and maximize benefits from favourable environmental conditions will require sound, relevant and well communicated scientific information on the atmosphere, its processes and the potential impacts these could have on humans and the environment. This information will range from enhanced long-term measurements and understanding of the background atmospheric composition to user-friendly weather and related environmental predictions ranging from the next few minutes to months ahead.

OBJECTIVES

- To give an opportunity to review some of the primary scientific and research challenges related to CAS that WMO Members are facing;
- To highlight and discuss some of the focus areas of relevance to the Global Atmosphere Watch (GAW) Programme and its GAW Urban Research Meteorology and Environment (GURME) project;
- To consider emerging research issues related to the World Weather Research Programme (WWRP) including the post THORPEX legacy projects, and the cross-cutting activities with the World Climate Research Programme (WCRP);
- To obtain feedbacks from CAS members that can be considered in aligning CAS activities and ensuring their value for WMO Members;
- To discuss methods to ensure the support and participation of WMO Members in the activities of CAS.

TOPICS

- High Impact Weather and its socio-economic effects in the context of global change.
- Water: Modelling and predicting the water cycle for improved DRR and resource management.
- Integrated GHG Information System: Serving society and supporting policy.
- Aerosols: Impacts on air quality, weather and climate.
- Urbanization: Research and services for megacities and large urban complexes.
- Evolving technologies: Their impact on science and its use (satellite technology and other remote sensing, computing power, social media etc.) including geoengineering.

The Conference will consist of key-note talks, oral presentations and a poster session. It will be co-chaired by Dr Gilbert Brunet of the UK MetOffice and Prof. Øystein Hov of the Norwegian Meteorological Institute.

For specific questions on the Conference please send an e-mail to: are_res@wmo.int

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WORLD METEOROLOGICAL ORGANIZATION
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RES/ARE/CAS16-TECO, ANNEX II

CAS TECHNICAL CONFERENCE ON
"RESPONDING TO THE ENVIRONMENTAL STRESSORS OF THE 21ST CENTURY"
(Antalya, Turkey, 18-19 November 2013)

PROVISIONAL REGISTRATION FORM
(available in English only)

TO BE RETURNED NOT LATER THAN 31 JULY 2013 TO:

*Atmospheric Research Environment Branch
Research Department
World Meteorological Organization
Case Postale No. 2300
CH-1211 GENEVA 2
Switzerland*

<< E-mail: are_res@wmo.int >>

<< Fax No.: (41 22) 730 8049 >>

1. I,, Permanent Representative of
with WMO nominate the following candidate as a participant for the above International
Workshop:

2. Title: ☐ Prof. ☐ Dr ☐ Mr ☐ Mrs

Family name (in block letters):

First name:

3. Service / Institute / Organization:

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4. Address:

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5. Contact information

Telephone: Fax:

E-mail address:

6. Date of birth:

7. Qualifications (certificates, diplomas or degrees):

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8. Present position and brief description of duties:

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9. Lump sum financial assistance requested Yes ☐ No ☐

10. Will your nominee attend the CAS-16 session? Yes ☐ No ☐

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Date

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Signature of the Permanent Representative