

## Local Organisation and Contact

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<http://openaccess.tu-dresden.de/ocs/index.php/>

**BIOMET/BIOMET2014**

## Dates

31 July 2014	Registration with contribution, submission of abstracts (max. 2 pages incl. tabs and figures)
30 September 2014	Decision on the acceptance of the contribution (presentation)
31 October 2014	Announcement of the conference program
2 - 3 December 2014	<b>Conference</b> Start: 2.12., 09:00 End: 3.12., 16:00

## Conference Site

Deutsches Hygiene-Museum in Dresden  
Lingnerplatz 1, 01069 Dresden, Germany

## Registration

Via electronic registration form (e-mail) or by mail. Summary of contribution must be sent until July 31, 2014 with max. 2 pages (Word, Times New Roman, 12 pt, 1.2 lines). Figures must be sent separately (min. 300 dpi) as pdf, tif oder ps.

## Language

The conference is generally held in German, but presentations in English are also welcome.

The contributions to the conference will be published in a special issue of the Meteorologische Zeitschrift.  
Scheduled date for submission is 28.02.2015.

## Conference Fee

Includes conference proceedings and conference documentation, drinks during breaks as well as dinner and a tour through the current exhibition of the Deutsches Hygiene Museum at December 2, 2014. The registration is finished with the bank transfer of the conference fee.

Conference fee **until September 30**, 2014

**70 EUR** (50 EUR for associated EMS members and students)

Conference fee **after September 30**, 2014

**90 EUR** (70 EUR for associated EMS members and students)

**110 EUR** On-site registration (**after November 15**, 2014)

## Payment by Bank Transfer

TU Dresden

Commerzbank Dresden

IBAN: DE52 8504 0000 0800 4004 00

SWIFT/BIC: COBADEFF850

Reason for payment: D-000127-602-000-1180302, Name of Participant (must be indicated)

## Topics and Program Committee

### 1. Forest Meteorology

(Convener: D. Schindler, Freiburg; A. Knohl, Göttingen; C. Bernhofer, Dresden)

Forests are globally the dominant land use on the continental surfaces. They depend critically on the atmospheric environment, as form spatially and temporally variable balances of radiation, heat, water, materials and momentum near surface. The current climate change caused an increased risk of damage to forests, has to be tackled through targeted marketing of forest risk management.

Topics: Experimental and theoretical methods of forest meteorology and their results, impacts of climate change on forests, effects of extreme events, emissions and depositions, greenhouse-gas flows, compared to other land uses.

### 2. Agrometeorology and Phenology

(Convener: F.-M. Chmielewski, Berlin; A. Menzel, Munich; U. Busch, Offenbach)

The agricultural meteorology includes the following main focus: water balance, mass balance and stand climate of agricultural plantations and natural areas, weather-dependent yield formation, plant diseases, as well as ground-level microclimate. Phenology, that is, the seasonally recurring phenomena in the animal and plant world are sensitive indicators of gradual environmental and climate changes, and show both positive and negative ecological effects of climate change.

Topics: Whole range of subjects of agricultural meteorology, agro-meteorological advice of agriculture and related disciplines, environmental agro-meteorological monitoring networks, phenological data, change of the occurrence of phenophases in the plant and animal world, impact of climate and climate change via phenology of plants and wildlife, phenological models and techniques, phenology and Remote Sensing, phenological information in climate change studies.

### 3. Human-Biometeorology

(Convener: C. Koppe, Offenbach; B. Tinz, Hamburg)

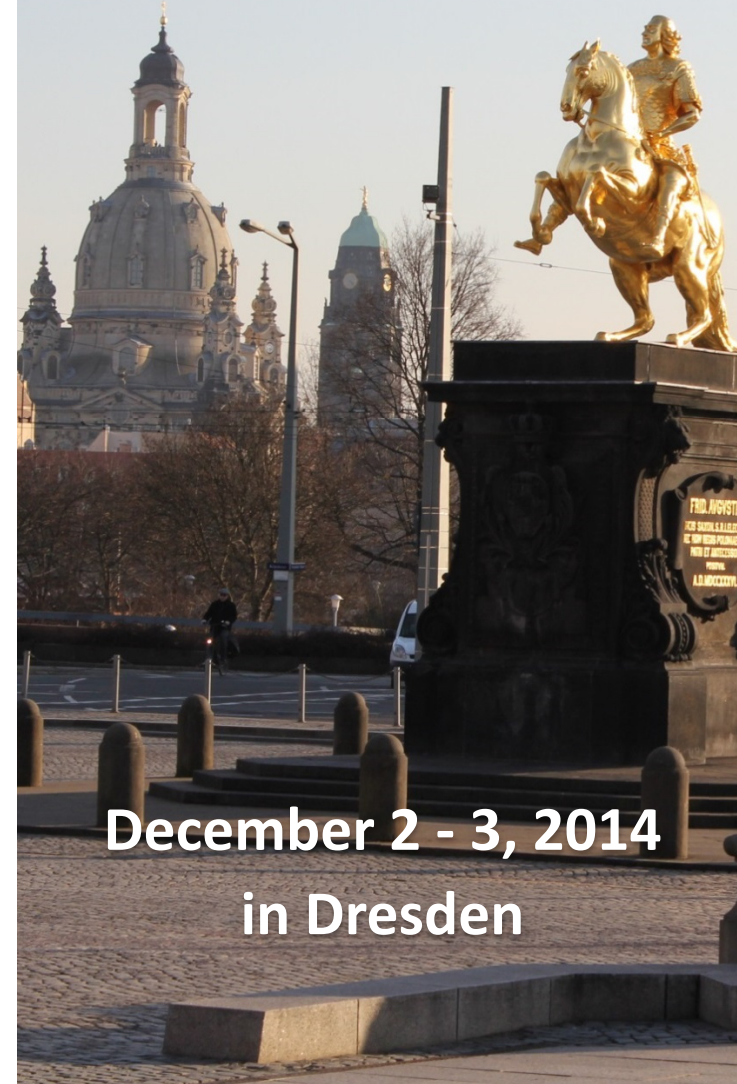
The Human-Biometeorology deals with the influences of atmospheric environmental conditions on people in all temporal and spatial scales.

Topics: Thermal stress, UV radiation, pollen and meteorosensitivity, but also indirect effects (e.g. infectious diseases). Particularly, approaches would be interesting which investigate adaptation of individuals or social groups against bio-meteorological stresses. This includes biologically relevant assessment procedures.



# Human-Plant-Atmosphere

in the 21<sup>th</sup> Century



**December 2 - 3, 2014**  
**in Dresden**

## 4. Urban Climate and Tourism

(Convener: A. Matzarakis, Freiburg; W. Kuttler, Essen; V. Goldberg, Dresden)

Against the background of the ever-growing urban population, aspects of the urban climate are considered increasingly in urban planning. Here is also the link to tourism, which (especially in recreational and sightseeing) is closely connected with the weather and the climate.

Topics: importance of the urban climate for urban planning, climate change adaptation of cities, urban structure, urban climate and bio-meteorological stressors; importance of weather and climate for tourism, methods for assessing weather, climate and climate change in relation to tourism, climate and thalassotherapy as well as other types of health tourism; climate adaptation, climate information for tourism, meteorological extremes and their impact on tourism.

## 5. Climate Risks, Climate Change Mitigation and Adaptation

(Convener: J. Schanze, Dresden; P. Höppe, Munich; B. Köstner, Dresden)

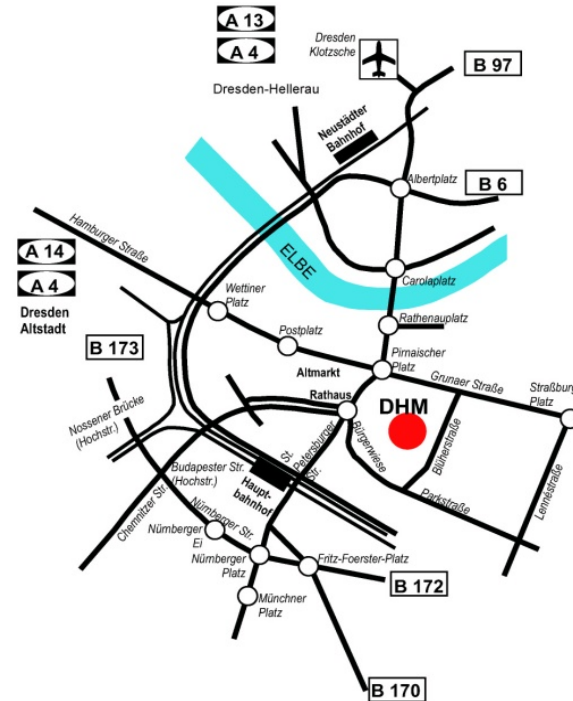
Both natural (e.g. ENSO) and anthropogenic changes in climate may pose a risk to plants, animals and humans. Such risks include life-threatening extreme weather events as well as long-term changes with respect to the exposure to pathogens and influences on food production. Mitigation measures should be taken to avoid extreme manifestations of changes in climate and the associated risks. The risks by not more preventable changes in climate can be reduced through appropriate adaptation measures.

Topics: Trends of extreme weather events, trends in weather-induced damages, projections for expected future changes, necessary or effective mitigation measures, possibilities of adaptation measures.

## Accommodation

Please make your own hotel reservations. Early booking is recommended during the Advent season. Hotels within walking distance to the conference venue: Prager Str.: **Pullmann, IBIS**; Grunaer Str.: **Dorint**; Postplatz: **Motel One**, Terrassenufer: **Hotel am Terrassenufer**, Main Station: **Intercity Hotel**; **Hostel: City Herberge, A&O Hotel**

## Arrival / Transport Connection



**Airport:** S-Bahn Airport – Dresden Main Station, continue as upon arrival by train (see below)

### By Car:

From A17/A4, Dresden-Altstadt, to city centre. From Pirnaischer Platz straight forward, and turn right immediately on the first crossroad (Blüherstraße). The destination Deutsches Hygiene-Museum is after 400 m on the right side. Paid parking is available.

### By Railway

Dresden Main Station, north exit to the city, Tram No. 10, destination Striesen, Tolkewitz, Tram Station „Großer Garten“, 6 minutes by foot (total 20 minutes)

