

CONFERENCE WEBSITE: [ems2012.eu](http://ems2012.eu)



FIRST ANNOUNCEMENT  
- DECEMBER 2011 -

12TH EMS ANNUAL MEETING &  
9TH EUROPEAN CONFERENCE ON APPLIED CLIMATOLOGY  
10 – 14 SEPTEMBER 2012 | UNIVERSITY OF ŁÓDŹ | POLAND

In Europe, many climate services are more and more trans-boundary in character. International collaboration is needed to develop and provide services on a European scale or to serve users at country level when consistency with neighbouring countries is required.

The ECAC will provide a forum for exchanging and sharing knowledge on the development of services and identifying and linking stakeholders, users, providers and researchers to strengthen the socio-economic benefits of these services.

EUROPEAN CLIMATE SERVICES CAPABILITIES -  
USER NEEDS AND COMMUNICATION WITH STAKEHOLDERS



*The EMS&ECAC 2012 is  
hosted by the University  
of Łódź, PTG and IMGW.*



# The programme: themes & topics

## EMS&ECAC 2012

### ••• *Timeline*

#### **FEBRUARY 2012**

##### ••• *Call for papers*

#### **19 MARCH 2012**

##### ••• *Abstract submission support applications*

#### **26 APRIL 2012**

##### ••• *Close of abstract submission*

#### **02 July 2012**

##### ••• *Letter of schedule*

#### **10 August 2012**

##### ••• *Close of pre-registration*

## CONTACT

[ems2012@copernicus.org](mailto:ems2012@copernicus.org)

## The ECAC

The ECAC programme as forum for exchange and sharing knowledge on the development of climate services is organised in three session groups:

- Monitoring climate and climate change
  - Understanding processes and climate change
  - Research and services for socio-economic sectors
- As the development of climate and meteorology services dedicated to socio-economic sectors is increasingly growing together many interconnections with ASI sessions are expected.

## Numerical weather prediction

The emphasis of the NWP programme will be on the development and operational use of numerical models:

- Studies on efficient and robust numerical schemes for super-computers, modelling of processes relevant to weather forecasting, data assimilation algorithms and the use of observations, probabilistic techniques.
- Operational interpretation and use of NWP output, including automatic interpretation algorithms and subjective interpretation by forecasters.

NWP activities include both research and operational aspects. The operational aspects involve the forecaster and increasingly specific users dedicated to one application.

## Communication and education

The CE programme welcomes discussions on the provision and dissemination of meteorological and climate information to society: the media, the interactions, the impacts. The conference will provide a platform to exchange experience on far-reaching issues such as the development of adaptation strategies, communication within and through all types of media, customer orientation, as well as the role of meteorology and atmospheric sciences in education and training.

## The atmospheric system and its interactions

The ASI session programme is a platform addressing our understanding, observing and modelling capacities of atmospheric processes and the water cycle, including feedback mechanisms and integrative studies. The ASI session papers thus mostly describe scientific activities upstream of those addressed in the NWP and ECAC programmes. The ASI sessions also provide plenty of interfaces for related sciences and applications: hydrology, agrometeorology, air quality, biometeorology, etc.

