

Announcement:

## 7th European Conference on Applied Climatology 2008

*Tools for understanding of and adaptation to current and future climate,*  
**Amsterdam RAI, 29 September - 3 October 2008.**

Together with the 8<sup>th</sup> EMS Annual Meeting

This conference is organised under the auspices of ECSN, the European Climate Support Network, a programme of the European Meteorological Network, wherein the National Meteorological and Hydrological Services of EU countries are represented, together with the EMS, the European Meteorological Society, with memberships of European bodies and individuals that have a professional relation with meteorology.

Climatic change is one of the most challenging issues today. The reports from the Intergovernmental Panel on Climate Change, the media attention for Al Gore's message and the Stern review raised the public awareness of a very likely future confrontation with the associated climate impacts.

Past and recent extreme weather events however learned us that already today we have to cope with unexpected extremes of the current climate.

Tools for effective short term and long term adaptation, based on a sound understanding of climate, are therefore urgently needed to climate proof natural and human systems.

A recent press release of the EU gave rise to the red string of this next ECAC: to serve as a platform where experts and scientists of the European meteorological services and the research community meet private and public stakeholders to communicate about applications for understanding of and adaptation to today's and tomorrow's climate.

ECAC will comprise two themes:

***Understanding of Climate:*** addressing topics as:

- Climate change assessments: trends and variability
- Climate prediction and scenarios from seasons to century
- Climate -monitoring, -mapping and -data management
- Climate reconstructions
- Synoptic climatology

***Adaptation to Climate:*** applications for decision support and spatial planning on climate and:

- Urban and building environments, Tourism, Health, Agriculture, Energy, Transport and Safety and rescue,
- Climate proofing of water systems
- Risk management for (re)insurance and financing
- Environment

***A panel session:*** dedicated to the communication on adaptation in Europe

You are cordially invited to e-mail your suggestion of a topic for these meetings to [ems-sec@met.fuberlin.de](mailto:ems-sec@met.fuberlin.de)

Brussels, 29 June 2007 – Press Release EC

Climate change: Europe must take adaptation measures to lessen impacts of current and future warming

Climate change poses a double challenge: Europe must not only make deep cuts in its greenhouse gas emissions but also take measures to adapt to current and future climate change in order to lessen the adverse impacts of global warming on people, the economy and the environment. This is the key message of a Green Paper published by the European Commission today which sets out options for EU action to help the process of adaptation to climate change across Europe.

Adaptation means taking action to cope with changing climatic conditions, for example by using scarce water resources more efficiently or ensuring the frail and elderly are properly cared for during heatwaves. The Green Paper aims to stimulate a broad public debate on adaptation in Europe.

The theme of the conference is well in line with the outcomes of the WMO conferences on living with climate (Espoo, Finland, July 2006) and Social and Economic Benefits of Weather, Climate and water Services (Madrid, Spain, March 2007) and its action plan. [www.wmo.int/pages/prog/amp/pwsp/socioeconomictools.html](http://www.wmo.int/pages/prog/amp/pwsp/socioeconomictools.html)

Furthermore reference is made to the position paper on the role of WMO and NMHS's in the implementation of the UNFCCC Nairobi work programme on impacts, vulnerability and adaptation to climate change. [www.wmo.int/pages/prog/wcp/cca/documents/nwp\\_en\\_070523.pdf](http://www.wmo.int/pages/prog/wcp/cca/documents/nwp_en_070523.pdf)

