

# 10th EMS & 8th ECAC

EMS Annual Meeting & European Conference on Applied Climatology

13 - 17 September 2010 | Zürich | Switzerland

[www.ems2010.ch](http://www.ems2010.ch)



High resolution climatology  
- towards climate change services

CLIMATE change SERVICES

## Second Announcement — Call for papers

[meetings.copernicus.org/ems2010](http://meetings.copernicus.org/ems2010)

Submission of abstracts with support applications	09 April 2010
Submission of abstracts	30 April 2010
Letter of schedule	05 July 2010

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## Monitoring for a reference climate and monitoring change

- MC1* – Monitoring of the climate system
- MC2* – Data rescue, management, quality and homogenization
- MC3/AW13* – Data mapping, spatial interpolation and GIS modelling, reference climatologies

## Understanding processes and climate change

- UC1* – Climate change assessments of trends, variability and extremes, impact studies
- UC2* – Climate modeling, climate prediction and scenarios from seasons to century
- UC3* – Synoptic climatology
- UC4* – Historical and paleoclimatic reconstructions based on historical instrumental observations and proxy evidence

## Services translating science to users

- SE1* – Standardized – ready to use – applications
- SE2* – User tailored – custom made – applications



## Communication & Education

- CE1* – Adaptation strategies
- CE2* – Media and communication
- CE3* – Information in the context of decision making
- CE4* – Education in atmospheric sciences
- CE5* – Sharing knowledge at the age of internet

## Numerical Weather Prediction

- NWP1* – Dynamics and predictability of high impact weather
- NWP2* – Ensemble prediction systems
- NWP3* – Observation targeting and observation impact studies

\* Host country topical session: *NWP4/AW15* – Mountain meteorology

## Atmosphere and the Water Cycle

- AW1* – Dynamical meteorology
- AW2* – Operational oceanography
- AW3* – Formulation, validation and parametrization of small-scale processes in atmospheric modelling
- AW4* – Large scale air-sea and land-atmosphere interaction processes and their influence on the European and Mediterranean climate
- AW5* – Space forcing of the Earth's and planets' climate
- AW6* – Atmospheric measurements from local to regional scale:  
A data source for climate studies and model validation
- AW7* – Atmospheric hazards
- AW8* – Boundary-layer physics and parametrizations in weather and climate models
- AW9* – Interfacing hydrological and meteorological models in forecasting systems
- AW10* – Air-sea interactions and coastal meteorology
- AW11* – Environmental meteorology
- AW12* – Phenology and agrometeorology
- AW14* – Wind and solar energy meteorology