



Dear colleagues,

We are pleased to draw your attention to the session AW14

Energy Meteorology

of the
10th Annual Meeting
of the European
Meteorological Society
(EMS10),
13 - 17 September,
Zürich, Switzerland.

It is under the theme
“Atmosphere and the
Water Cycle” - AW



Wind and solar power are expected to play a major role in future in view of increased electricity consumption and need to reduce greenhouse gases emissions. Both of these renewable energy sources are currently explored and undergo rapid developments. However further basic and applied studies in meteorological processes and tools are needed to meet demands of the new technologies.

Contributions are invited within the following topics:

- * Wind and turbulence profiles in homogeneous and complex terrain (measurements and theory)
- * Wind and turbulence within a wind farm (including wakes)
- * Clouds and aerosol properties in homogeneous and complex terrain (measurements and theory)
- * The use of meso-scale models for wind and solar energy assessment studies
- * Short term forecast (minutes to day) for wind and solar energy resources
- * Impact of wind and solar energy farms on local and regional meteorology
- * Using satellite data for solar and wind energy application
- * Practical experience using meteorological information in wind and solar energy applications

at

<http://meetings.copernicus.org/ems2010/>

**Deadline for abstract submission:
30 April 2010.**

Conveners:

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