



Dear colleagues,

We are pleased to draw your attention to the session **ASI13**

Energy Meteorology

at the
11th Annual Meeting of
the European
Meteorological Society
(EMS11),
12 - 16 September, 2011,
Berlin, Germany.

Programme group "The
Atmospheric System
and its Interactions"
(ASI)

Conveners:

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Wind and solar 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, as both wind and solar energy resources are highly variable in space and time.

Contributions are invited within the following topics:

- wind and turbulence profiles with respect to wind energy applications (measurements and theory);
- wind and turbulence within a wind farm (including wakes);
- clouds and aerosol properties with respect to solar energy applications (measurements and theory);
- the use of numerical models and remote sensing (ground based and from satellites) for renewable energy assessment studies;
- short term forecast (minutes to day) and ensemble forecasts;
- quantification of the variability of the resources in space and time;
- impact of wind and solar energy farms on local and regional meteorology;
- practical experience using meteorological information in energy related applications.

at <http://meetings.copernicus.org/ems2011>

Deadline for abstract submission with application for Young Scientist Travel Award (YSTA) or waiver:

25 March 2011

Deadline for abstract submission:

21 April 2011

