



THE 5TH WMO INTERNATIONAL SYMPOSIUM ON DATA ASSIMILATION

5-9 October 2009

Melbourne Exhibition Centre: Melbourne Australia

The goals of the Symposium are:

- To assess recent progress in all aspects of atmospheric and oceanographic data assimilation, in both research and operational environments; and
- To reach a common understanding of the main challenges and opportunities that lie ahead in atmospheric and oceanographic data assimilation.

Web Page: <http://wmoda5.amos.org.au/>

Program Details

Program format will consist of Invited speakers, and poster presentations.

Experts in data assimilation will be invited from leading centres around the world.

The Program Committee also encourages poster presentations on recent scientific accomplishments and programs regarding Data Assimilation.

In particular, but not limited to, the following fields:

Observing Strategies
 Satellite data usage
 Applications in Meteorology, Oceanography, or Hydrology
 Error Covariance modelling
 Reanalysis
 Bias detection
 Environmental modelling

Ensemble assimilation
 Network design and monitoring
 Meteorological, Oceanographic or Hydrological applications
 Mesoscale assimilation
 Measures of optimality
 Nonlinear aspects of assimilation

And Application and Development streams:

Hydrology, QPF, (including land-atmosphere interactions, especially characterization and prediction of precipitation and evapotranspiration).

NWP

Ocean (include coastal and biogeochemical applications)

Re-analysis, including coupled DA and budget studies

Constituents, identification of the sources of tracers, estimation of fluxes.

Ensemble DA

Covariances, adjoints, and variational methods

Observation impact assessment, network design.

DA of satellite, radar and novel forms of remote sensing.

Advanced DA techniques, e.g. for non-Gaussian distributions and nonlinear systems.

Important Dates

Invited Speakers and draft program established	September 30, 2008
Call for short abstracts	October 1, 2008
Deadline for short abstracts, including poster abstracts	March 31, 2009
Notification of short abstract and poster acceptance	June 30, 2009
Early-bird registration open	April 1, 2009
Deadline for early bird registration	August 1, 2009
Deadline for extended abstracts	To Be Advised

These dates may be adjusted so please check regularly.

VENUE: The Melbourne Conference and Exhibition Centre

The Melbourne Conference and Exhibition Centre is located on Clarendon St, an extension of Spencer St., and opposite Crown Entertainment Complex.

It is close to a variety of restaurants and public transport. Flinders Street Station, Spencer St Station and the City Centre are all within a short walk or tram ride.

The Melbourne Conference and Exhibition Centre website is: <http://www.mcec.com.au/>

International Scientific Organizing Committee

Andrew Lorenc, Met Office, United Kingdom (Chair)
 Dale Barker, NCAR/UK Met. Office, United Kingdom
 Dick Dee, ECMWF, United Kingdom
 Pierre Gauthier, Universite du Quebec a Montreal, Canada
 Ron Gelaro, NASA GMAO, USA
 Masafumi Kamachi, MRI, Japan
 Dennis McLaughlin, MIT, USA
 Takemasa Miyoshi, JMA, Japan
 Jeanette Onvlee, KNMI, Netherlands
 Vladimir Penenko, Inst. of Comp. Maths. and Math. Geophysics, Russia
 Florence Rabier, Meteo-France and CNRS
 Chris Snyder, NCAR, USA
 Peter Steinle, CAWCR, Australia
 Olivier Talagrand, LMD, France
 Anthony Weaver, CERFACS, France
 Jishan Xue, China Academy of Met. Sciences

Local Organizing Committee

Peter Steinle, Bureau of Meteorology, CAWCR, Melbourne (Chair)
 Val Jemmeson, Bureau of Meteorology, Melbourne
 Andrew Hollis, Bureau of Meteorology, Melbourne
 Meryl Wiseman, Bureau of Meteorology, Melbourne
 Jeff Kepert Bureau of Meteorology, CAWCR, Melbourne
 John LeMarshall, Bureau of Meteorology, CAWCR, Melbourne
 Jeff Walker, University of Melbourne,
 Peter Oke, CSIRO Marine & Atmos. Res., Hobart

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