
Programme

Monday 19 June 2006

10.30-11.00 *Registration and Coffee*

11.00-11.10 Philippe BougeaultWelcome

Experience and plans of reanalysis centres

11.10-11.50 Sakari Uppala (ECMWF)From ERA-15 to ERA-40 and ERA-Interim

11.50-12.30 Kazutoshi Onogi (JMA)JRA-25 and plans

12.30-13.45 *Lunch*

13.45-14.25 Michele Rienecker (GMAO)MERRA and activities for atmospheric reanalyses
in the US

Status and needs for reanalysis: user views

14.25-15.00 Kevin Trenberth (NCAR)Observations and their analysis for WCRP/COPES

15.00-15.35 Simon Tett (Met Office)Validation of climate models

15.35-16.00 *Coffee*

16.00-16.35 Brian Hoskins (Univ Reading)Dynamical-process studies

16.35-17.10 Beatriz Monge-Sanz (Univ Leeds) .Chemical transport modelling

17.10-17.45 Christoph Schär (ETH)Land surface processes

17.45 *Cocktail Party*

Tuesday 20 June 2006

09.00-09.35 David Bromwich (BPRC)An assessment of contemporary global reanalyses in the
polar regions

09.35-10.10 Eric Martin (Météo-France)Applications in mountain areas

10.10-10.45 Michele Rienecker (GMAO)Ocean-model needs from re-analyses

10.45-11.10 *Coffee*

Developments in data assimilation for reanalysis

11.10-11.45 Lennart Bengtsson (ESSC)Data assimilation requirements for climate reanalysis

11.45-12.20 Mike Fisher (ECMWF)Optimizing data assimilation for reanalysis

12.20-12.55 Yannick Trémolet (ECMWF)Accounting for model biases in data assimilation

12.55-14.05 *Lunch*

14.05-14.40 Dick Dee (ECMWF)Adaptive bias correction of radiances

14.40-15.15 Per Kållberg (ECMWF/SMHI)The hydrological cycle

15.15-15.50 Anton Beljaars (ECMWF)Surface and boundary layer schemes

15.50-16.15 *Coffee*

Programme (continued)

- 16.15-16.50 Pedro Viterbo (IM, Portugal).....Land-surface data assimilation systems
16.50-17.25 Jean Bidlot (ECMWF).....Ocean wave analysis
17.25-18.00 Adrian Simmons (ECMWF).....Capturing trends and low-frequency variations

Wednesday 21 June 2006

- 09.00-09.35 Gil Compo (CDC).....Ensemble Kalman Filter analysis, and its application to reanalysis using only surface-pressure observations
09.35-10.10 Jean-Noël Thépaut (ECMWF).....Assimilating only surface-pressure observations in 3- and 4D-Var, and other observing-system impact studies

Observations and boundary forcing fields

- 10.10-10.45 Sakari Uppala (ECMWF)Observational requirements for future reanalyses
10.45-11.10 *Coffee*
11.10-11.45 Leo van de Berg (EUMETSAT)....Reprocessed satellite data products for assimilation and validation
11.45-12.20 Philip Brohan (Met Office).....Development of SST and sea-ice datasets
12.20-12.55 Leopold Haimberger (U Vienna)...Homogenization of radiosonde data
12.55-14.05 *Lunch*
14.05-14.40 Mark McCarthy (Met Office)Homogenization of HIRS/SSU/VTPR radiances

Other aspects

- 14.40-15.15 Jörg Schulz (DWD)The Climate Monitoring SAF
15.15-15.50 Adrian Simmons (ECMWF).....The potential for EURRA, a European Regional Reanalysis
15.50-16.15 *Coffee*
16.15-18.00 **Discussion session:**
 - User needs for reanalysis
 - Observation datasets and boundary forcing fields
 - Homogenization of data
 - Requirements for the data assimilation system

18.00 *Informal buffet in the ECMWF Restaurant*

Thursday 22 June 2006

- 09.15-10.30 **Discussion session** (continued)
10.30-10.55 *Coffee*
10:55-12.15 **Discussion session** (continued)
12.15-13.45 *Lunch*
13:45-15:30 **Concluding discussion: Summary of user needs and recommendations for future reanalysis activities**