

ECMWF Seminar on Data assimilation for atmosphere and ocean

6 - 9 September 2011

Annex II - Programme

Tuesday 6 September 2011

8.30-9.15	<i>Registration</i>	
9.15-9.30	Erland Källén (ECMWF)	Opening
9.30-10.30	Andrew Lorenc (UK Met-Office)	Developments in variational data assimilation
10.30-11.00	<i>Coffee Break</i>	
11.00-12.00	Jeff Whitaker (NOAA)	Developments in ensemble data assimilation
12.00-13.00	Dale Barker (UK Met-Office)	Hybrid variational/ensemble data assimilation
13.00-14.15	<i>Lunch Break</i>	
14.15-15.15	Florence Rabier (Météo-France)	Pre and post processing in data assimilation
15.15-15.45	<i>Coffee Break</i>	
15.45-16.45	Saroja Polavarapu (U. of Toronto)	Stratospheric and mesospheric data assimilation
16.45-17.45	Sue Ballard (UK Met-Office)	Mesoscale data assimilation

Wednesday 7 September 2011

9.15-10.15	Michele Rienecker (GMAO)	The Global Observing System in the data assimilation context
10.15-11.15	John Derber (NCEP)	Current status and future of satellite data assimilation
11.15-11.45	<i>Coffee Break</i>	
11.45-12.45	Gerald Desroziers (Météo-France)	Observation error specifications
12.45-14.15	<i>Lunch Break</i>	
14.15-15.15	Carla Cardinali (ECMWF)	Diagnostics of data assimilation
15.15-15.45	<i>Coffee Break</i>	
15.45-16.45	Jean-Francois Mahfouf (Météo-France)	Data assimilation of the hydrological cycle
16.45-17.45	Patricia de Rosnay (ECMWF)	Land surface data assimilation

Thursday 8 September 2011

9.15-10.15	Massimo Bonavita (ECMWF)	Ensemble of data assimilations and uncertainty estimation
10.15-11.15	Chris Snyder (UCAR, Colorado)	Non-linear data assimilation (1)
11.15-11.45	Coffee Break	
11.45-12.45	Peter Jan v Leeuwen (Reading U.)	Non-linear data assimilation (2)
12.45-14.15	Lunch Break	
14.15-15.15	Mike Fisher (ECMWF)	Long window weak-constraint 4D-Var
15.15-15.45	Coffee Break	
15.45-16.45	Andy Moore (U. of California)	Recent developments in ocean data assimilation
16.45-17.45	Paul Poli (ECMWF)	Reanalysis

Friday 9 September 2011

9.15-10.15	Keith Haines (ESSC)	Coupled Data Assimilation – ocean, mixed layer, land and atmosphere interaction
10.15-11.15	Adrian Simmons (ECMWF)	Coupled Data Assimilation - chemistry, aerosol and atmosphere interaction
11.15-11.45	Coffee Break	
11.45-12.45	Lars Isaksen (ECMWF)	Data Assimilation on future computer architectures
12.45	Closure of the seminar	