

Workshop on SURFEX data assimilation (5-6 March 2012)
Météo-France
Météopole, Toulouse (France)
Salle Prud'homme CIC

Monday 5 March

09h30 : Presentation of the workshop (J.-F. Mahfouf, MF)

09h45 : Summary of activities with SURFEX data assimilation at Météo-France (J.-F. Mahfouf, MF)

10h15 : Development of a SURFEX EKF for ALADIN and comparison of the offline and coupled version with the OI analysis (A. Duerinckx, RMI)

10h45 : On the interest of an STAEKF for land surface assimilation (R. Hamdi, RMI)

11h00-11h20 : *Coffee break*

11h20 : Combined assimilation of satellite derived soil moisture and LAI within the FP7-GEOLAND2 project (A. Barbu, MF)

11h50 : Development on SURFEX data assimilation within HARMONIE (T. Aspelien, MetNo)

12h15-13h45 : *Lunch*

13h45 : An EnKF system for land data assimilation: testing the sensitivity of the analyses to assimilation parameters (T. Svendby, NILU)

14h05 : Land surface albedo from MSG geostationary satellite: method for retrieval, validation, and application for weather forecast (D. Carrer, MF)

14h30 : Lake data assimilation with SURFEX : first results (E. Kourzeneva, FMI)

15h00 : Data assimilation with SURFEX for hydrological applications (V. Pedinotti, MF)

15h15-15h35 : *Coffee break*

15h35 : Plans for snow assimilation within SURFEX at CEN (S. Morin, MF)

15h50 : Snow analysis in HARMONIE with CANARI and OI_MAIN (M. Homleid, MetNo)

16h15 : Improvements to the surface analysis CANARI in the FP7-EURO4M project (C. Soci, MF)

16h45: End of the first day

Tuesday 6 March

9h30 – 12h00 : Discussion on scientific aspects

12h00 – 14h00 : Lunch

14h00 – 16h00 : Discussion on technical aspects