

Current practice at Météo-France on land data assimilation for NWP

J.-F. Mahfouf, C. Birman, F. Taillefer, P. Brousseau
Météo-France/CNRS - CNRM/GMAP

What will you find on my poster ?

- A description of the soil analysis scheme used for NWP at Météo-France
- How land and atmospheric data assimilation systems are currently (weakly) coupled
- Two examples highlighting the importance of soil analysis (convective scale model AROME)
- Plans towards an increased coupling:
 - use of observations informative about the atmosphere and the surface
 - ensemble techniques for land data assimilation