Numerical Weather Modelling of Extreme Events in Latvia 2012 Using WRF

T. Sile, J. Sennikovs, U. Bethers University of Latvia email: tija.sile@lu.lv



EIROPAS REĢIONĀLĀS ATTĪSTĪBAS FONDS

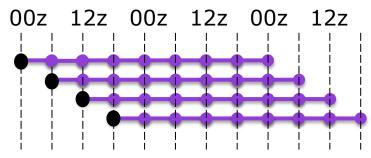


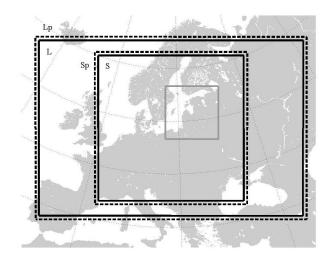




EIROPAS SAVIENĪBA

- Two extreme weather events in 2012 were selected for analysis:
 - Intensive summertime precipitation
 - Cyclogenesis bringing first snowstorm of the season
- Numerical modeling using
 - Weather Research and Forecast (WRF) model,
 - ERA-Interim boundary conditions and initial conditions,
 - myOcean sea surface temperature
- Assessing the influence of
 - Calculation domains
 - Initialization times





How well can we describe these events using modelling?

