Coupling WRF with a Lagrangian particle dispersion model that includes a scale-aware cumulus parameterization

- use simple advection
- the performance of the updated WRF-STILT model

- v3.8 and GF2014 is analogous to that described in Nehrkorn et al. 2010

 - panel)
 - modifications of Nehrkorn et al. 2010
- Test the WRF convective mass fluxes in STILT on a sample case
 - inner nest centered over Brazil

