

Meta data description for RCM model simulations in ENSEMBLES RT3

ERA40@50 Simulations

1. General:

1.1 Name of model CNRM-RM4

1.2 Version 4.5

1.3 Reference none yet

1.4 URL <http://www.cnrm.meteo.fr/aladin>

2. Model setup:

2.1 Grid specifications:

2.1.1 Projection tangent Lambert (latitude 50.4°N, longitude 11.5°E)

2.1.2 Number of horizontal grid points 120x128

2.1.3 Number vertical levels 31

2.1.4 Type of vertical coordinate hybrid sigma-pressure

2.2 Soil and surface specifications

2.2.1 Name of soil and SVAT model ISBA

2.2.2 Physiographical data

GLOBE (NOAA/NGDC data at 1 km resolution) for orography, US Navy data (10' resolution) for land sea mask, ECOCLIMAP (50 km resolution, Masson et al., J. Climate, 2003) for other fields.

2.3 External Forcings

standard ENSEMBLES-RT2A specifications for solar constant and greenhouse gases, Tegen (Tegen et al., 1997, JGR) data for aerosols

4. Additional information on model set up

see month 13-24 CNRM ENSEMBLES-PAR

5. Information on the performance

to be evaluated by ENSEMBLES-RT5

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