

| | | | | | | | | | |
|-----------------------------|-----------------------|--|--|--|----------|------------|---------------------------|---|--------|
| | RCM | ALADIN5.2 | ALADIN5.3 | RCA4 | | | HIRHAM5 | RAMO22E | |
| | Institution | Météo-France | Météo-France | SMHI | | | DMI | KNMI | |
| | Boundary layer scheme | Ricard and Royer (1993) | Ricard and Royer (1993) | Cuxart et al. (2000) | | | Louis (1979) | Lenderink and Holtslag (2004); Siebesma et al. (2007) | |
| | Convection | Mass flux Bougeault (1985) | Mass flux Bougeault (1985) | Kain and Fritsch (1990, 1993); Kain (2004); Jones and Sanchez (2002) | | | Tiedtke (1989) | Tiedtke (1989); Nordeng (1994); Neggers et al. (2009) | |
| | Main references | Colin et al. (2010); Hermann et al. (2011) | Colin et al. (2010); Hermann et al. (2011) | Samuelsson et al. (2011); Kupiainen et al. (2011) | | | Christensen et al. (2008) | Meijgaard van et al. (2012) | |
| Lateral boundary conditions | Evaluation simulation | ERA-INTERIM (reanalysis) | | | | | | | |
| | Historical simulation | | | | | | | | |
| | RCP4.5 simulation | CNRM-CERFACS-CNRM-CM5 | | | MOHC-Had | MPI-M-MPI- | ICHEC-EC-EARTH | | |
| | RCP8.5 simulation | | | | GEM2-ES | ESM-LR | | | |
| | GCM members | r8i1p1 | r1i1p1 | r1i1p1 | r1i1p1 | r1i1p1 | r12i1p1 | r3i1p1 | r1i1p1 |
| Name of pair GCM_RCM | CNRM-CM5 _ALADIN52 | CNRM-CM5 _ALADIN53 | CNRM-CM5 _RCA4 | MOHC_RCA4 | MPI_RCA4 | ICHEC_RCA4 | ICHEC_HIRHAM5 | ICHEC_RACMO22E | |