List of the Med-CORDEX FMZ* actions
(*: Med-CORDEX Free Modelling Zone)

Version0: S. Somot, 10th May 2019
Version1: S. Somot, 20th Nov 2019

ERA20C-driven simulations
Institute: GUF
Contact: Bodo Ahrens, Anika Obermann
Models: COSMO5_CLM9, NEMO-Nordic 3.3, LIM3, NEMO-MED12 3.2, TRIP, OASIS
CCLM5-0-9-NEMOMED12-3-6-NEMONORDIC3-3
File name:
MED-11_ECMWF-ERA20C_historical_r1i1p1_CLMcom-GUF-CCLM5-0-9-NEMOMED12-3-6-NEMONORDIC3-3
Domain: SPATE (Euro+Med-CORDEX and more)
Atm grid: 0.11°
LBC: ECMWF-ERA20C
Period: 1901-2009
Run status: on-going
Last Update: A. Obermann, 25 Jan 2019
Reference:

Decadal prediction simulations
Institute: GUF
Contact: Bodo Ahrens, Anika Obermann
Models: COSMO5_CLM7, NEMO-BN, NEMO-MED12 3.6, OASIS
Domain: Euro-CORDEX
Atm grid: 0.22°
LBC: MPI-ESM-LR r1i1p1, dec08o19xx
Period: 10 years of simulation, start years 19x0, 192x, 193x, 197x
"x" in the years means all decadals with numbers from 1 to 9 in the place of the x were done.
Decadals were initialized with the centennial simulation one line below.
Run status: Completed, on Mistral (DKRZ)
Last Update: A. Obermann, 25 Jan 2019
Reference:

ERA5-driven simulations
Institute: CNRM
Contact: Samuel Somot, Antoinette Alias
Models: CNRM-ALADIN63

Domain: Med-CORDEX
Atm grid: 0.11°
LBC: ERA5
Period: 10 years
Run status: done
Last Update: S. Somot, 20 nov. 2019
Reference:

Institute: ENEA
Contact: Gianmaria Sannino
Models:
Domain: Med-CORDEX
Atm grid:
LBC: ERA5
Period:
Run status:
Last Update: G. Sannino, jan 2019
Reference:

Corrected LBCs
Institute: BIOGEOSCIENCES
Contact: J. Pergaud
Models: WRF
Domain: Med-CORDEX
Atm grid: 50km
LBC: CCSM
Period: HIST+RCP8.5
Run status: done
Last Update: Julien Pergaud, May 2019
Reference:

BB/LB simulations
Institute: CNRM
Contact: Samuel Somot
Models: CNRM-ALADIN63 embedded into CNRM-ARPEGE63 (same physics, same resolution, same forcings)
Domain: Med-CORDEX
Atm grid: 0.44°
LBC: ERA-Interim
Period: 1979-2008
Run status: in prep.
Last Update: S. Somot, 20 may 2019
Reference: Colin et al. 2010, Tellus

SN tests
Institute: CNRM
Contact: Samuel Somot
Models: CNRM-ALADIN52 and CNRM-RCSM4 with spectral nudging
Domain: Med-CORDEX
Atm grid: 0.11°, 0.44°
LBC: ERA-Interim
Period: 1979-2008
Run status: done
Last Update: S. Somot, 20 may 2019
Reference: Colin et al. 2010, Tellus / Sevault et al. 2014, Tellus

Ensemble runs for studying the RCM internal variability
Institute: CNRM
Contact: Samuel Somot
Models: CNRM-ALADIN52, 10 members
Domain: Med-CORDEX
Atm grid: 0.44°
LBC: ERA-Interim
Period: 1979-2008
Run status: done
Last Update: S. Somot, 20 may 2019
Reference: Sanchez-Gomez and Somot, 2018, Climate Dyn.

RCM at the GCM resolution - 150km
Institute: CNRM
Contact: Samuel Somot
Models: CNRM-ALADIN52
Domain: Med-CORDEX
Atm grid: 1.4°
LBC: ERA-Interim
Period: 1979-2008
Run status: done
Last Update: S. Somot, 20 may 2019
Reference:

Very-high-resolution and sub-regional coupled regional climate system model
Institute: IZOR
Contact: Ivica Vilibic, Clea Denamiel
Models:
Domain: Adriatic
Atm grid:

LBC: ERA-Interim
Period:
Run status: done
Last Update:
Reference:

Ocean biogeochemistry modelling
Institute: AWI/GERICS, JRC, LA, LSCE, MIO, OGS, ICTP
Contact: D. Sein, D. Maciàs, C. Ulses, J.-C. Dutays, M. Baklouti, S. Salon & M. Reale, F. Di Sante
Models: MPIOM, GETM, ECO3M-S, PISCES, ECO3M, BFM
Domain: Mediterranean Sea
Ocean grid:
LBC: hindcast and scenario
Period:
Run status: done or on-going
Last Update:
Reference: Richon et al. 2018, Maciàs et al., ...

City modelling
Institute: CNRM
Contact: Aude Lemonsu
Models: ALADIN6
Domain: France
Atm grid: 12km
LBC: ERA-Interim
Period:
Run status: done
Last Update:
Reference: Daniel et al. 2019