

CONTRIBUTING INSTITUTES AND MODELS OF THE MED-CORDEX PHASE-2 BASELINE RUNS

version 0: S. Somot, January 2020

In the Med-CORDEX phase 2, ten different RCSMs are now ready in 10 different institutes

Participation confirmed and model ready, Model under development

Institute	contact	model	Already in phase 1 with a RCSM	Last update
CNRM	S. Somot	CNRM-RCSM6 including ALADINV6-12km, TACTIC-12km, SURFEXv8-12km (include a lake module), CTRIPv2-50km, NEMOV3.6-MED12-75L at 7km, OASIS-MCT (1-hour) <i>Ref: Darmaraki et al. 2019b, GRL</i>	Yes, CNRM-RCSM 4	2019-11-13
ENEA	G. Sannino	ENEA-RegCM-ES including RegCM4.5 (12km), MedMIT at 1/12°, HD, ESMF as coupler 3hourly or 1hourly <i>Ref:</i>	Yes with PROTHEUS	2019-11-26
ENEA Model under development	G. Sannino	ENEA-xxx including WRF (12km), MedMIT at 1/12°, HD, ESMF as coupler 3hourly or 1hourly	No	2019-11-26
GUF	B. Ahrens	GUF-CCLM5NEMO including COSMO-CLMv5.00clm9 (12 km), NEMOV3.6MED12, TRIP, OASIS3-MCT3.0 (1h) <i>Ref:</i>	Yes	2019-11-24
LMD	L. Li	LMD-LMDZMED including LMDZ4@30km, ORCHIDEE@30km, NEMOMED8, simple river coupling scheme <i>Ref:</i>	Yes	2019-11-26
IPSL	T. Arsouze R. Pennel	IPSL-RegIPSL including WRF.3.7.1@20km-46L, ORCHIDEE@20km, NEMOMED12-75L OASIS-MCT@1h <i>Ref:</i>	Yes (IPSL-MORCE -MED)	2019-11-20

IPSL Model under development	T. Arsouze R. Pennel	IPSL-RegIPSL including WRF@20km, ORCHIDEE@20km, NEMOMED36 OASIS-MCT@1h	Yes (IPSL-MORCE -MED)	2019-11-26
CMCC	D. Conte P. Lionello	CMCC-COSMOMED including COSMO-CLM v4.21 at 12km and 45L, Nemo_MFS v4.3 at 7km, 71L, OASIS3-MCT (no river coupling) <i>Ref:</i>	Yes	2019-11-15
UNIBELGRA DE	V. Djurdjevic	UBEL-EBUPOM including Eta (EBU=Eta Belgrade University), POM (still the phase 1 model) <i>Ref:</i>	Yes	No recent update
ITU	B. Onol F. Batibeniz	ITU-RegESM1.2 including RegCM@12km, ROMS@9km, WAM@14km (no river coupling in this configuration but this can be activated using RTM module from MPI). 1hr-coupling frequency <i>Ref:</i>	Yes	2019-11-26
AWI-GERICS	D. Sein W. Cabos	AWI-GERICS-ROM including REMO@25km, MPIOM(variable from 20 to 7km), HD + Biogeochemistry module, OASIS <i>Ref:</i>	Yes (no new run)	2019-11-26
AWI-GERICS Model under development	D. Sein W. Cabos	AWI-GERICS-CRONUS including REMO@10km, FESOM2 (global variable resol. up to 2km), OASIS-MCT, Hydrological model, Ice Sheet, Permafrost, Ocean Biogeochemistry	Yes	2019-11-28
ICTP	E. Coppola R. Farneti F. Di Sante	ICTP-RegCM-ES including RegCM.4.6.1@12km, MITgcm 1/12°, CHyM@6km (close to ENEA model but different hydro model) <i>Ref: Sitz et al. 2017, Di Sante et al. 2018</i>	No	2019-11-25
UCLM Model under development	M. Gaertner	Model not ready yet Coupled models including PROMES, NEMOMED12	No	2019-11-26
INSTM	A. Harzallah	Not in phase 2	Yes	

MPI	A. Elizalde	Not in phase 2	Yes	
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