

# **LIST OF RUNS OF MED-CORDEX, PHASE-1 using Atmosphere-RCM only**

## **Various spatial resolutions are available from 50km to 10km**

version 1: S. Somot, 25th April 2017

version 2: S. Somot, 29th May 2017 (add 2 more ELU runs in the DB + metadata links)

Version 3: S. Somot, 20th May 2019 (add one GUF-COSMO5-CLM9 run, add Uni.Bourgogne runs with WRF)

Version 4: S. Somot, 21th May 2019 (change GUF model name)

Version 5: S. Somot, 25th March 2020 (minor changes)

Version 6: S. Somot, 6th November 2020 (remove the expected runs, change the way to account for different RCMs)

### **Color codes:**

Spatial resolutions: 50km, 20-30km, 10-12km

Run status: planned, done, archived

### **Statistics:**

Number of participating institutes: 14

Number of participating different RCMs: 17

Number of evaluation runs completed: 31 (including 5 runs on MED-22 (20-30 km) and 6 runs on MED-11 (10-12km))

Number of historical runs completed: 17 runs (including 2 runs on MED-22 and 2 runs on MED-11)

Number of RCP8.5 runs completed: 16 runs (including 1 runs on MED-22 and 2 runs on MED-11)

Number of RCP4.5 runs completed: 9 runs (including 2 runs on MED-11)

Number of RCP2.6 runs completed: 2 runs (including 1 run on MED-11)

Number of runs planned in total: 75

Number of runs completed: 75

Number of runs in the database: 51

## Med-CORDEX phase1 Atmosphere-RCM runs

Institute	Model	Contact	Reference	Resol	Evaluation runs	Scenario runs				
						GCM forcing	HIST 1950-2005	RCP8.5 2006-2100	RCP4.5 2006-2100	RCP2.6 2006-2100
					ERA-Interim 1979-now					
ITU	RegCM4-BATS	B. Onol		50	1989-2008	HadGEM2-ES	1971-2005	2006-2100		
ITU	RegCM4-CLM	B. Onol		50	1989-2008	HadGEM2-ES	1971-2005	2006-2100		
ENEA	RegCM3-1	A. Dell'Aquila		30	<a href="#">1982-2010</a>					
ICTP	RegCM4-3 v1	E. Coppola		50	<a href="#">1979-2008</a>	HadGEM2-ES r1i1p1	<a href="#">1970-2005</a>		<a href="#">2006-2100</a>	
ICTP	RegCM4-3 v4	E. Coppola		50	<a href="#">1979-2012</a>					
ICTP	RegCM4-3 v7	E. Coppola		50	<a href="#">1979-2008</a>	HadGEM2-ES r1i1p1	<a href="#">1970-2005</a>	<a href="#">2006-2099</a>		
ICTP	RegCM4-3 v7	E. Coppola		50		MPI-ESM-MR r1i1p1	<a href="#">1970-2005</a>	<a href="#">2006-2099</a>		
ICTP	RegCM4-3 v1	E. Coppola		12		HadGEM2-ES r1i1p1	<a href="#">1970-2005</a>	<a href="#">2006-2050</a>	<a href="#">2006-2099</a>	
ICTP	RegCM4-3 v4	E. Coppola		12	<a href="#">1979-2010</a>					
CNRM	ALADIN52	S. Somot	Colin et al. 2010	150	1979-2010					

CNRM	ALADIN52	S. Somot	Colin et al. 2010	50	<a href="#">1979-2012</a>	CNRM-CM5 r1i1p1	<a href="#">1950-2005</a>	<a href="#">2006-2100</a>	<a href="#">2006-2100</a>	2006-2100
CNRM	ALADIN52	S. Somot	Colin et al. 2010	12	<a href="#">1979-2012</a>	CNRM-CM5 r1i1p1	<a href="#">1950-2005</a>	<a href="#">2006-2100</a>	<a href="#">2006-2100</a>	2006-2100
LMD	LMDZ4	L. Li		30	<a href="#">1979-2009</a>					
UBELGRA DE	EBU	V. Djurdjevic		50	<a href="#">1989-2008</a>	MPI-ESM-LR r1i1p1	<a href="#">1950-2005</a>	<a href="#">2006-2100</a>		
IPSL	WRF311 v1	S. Bastin		50	<a href="#">1989-2008</a>					
IPSL	WRF311 v2	S. Bastin		50	<a href="#">1989-2008</a>					
IPSL	WRF311 v1	S. Bastin		20	1989-2013	IPSL-CM5-MR r1i1p1	<a href="#">1989-2005</a>	<a href="#">2006-2035</a>		
UCLM	PROMES	M. Gaertner		50	<a href="#">1989-2008</a>					
UCLM	PROMES	M. Gaertner		25	<a href="#">1989-2008</a>					
UCLM	PROMES	M. Gaertner		12	<a href="#">1989-2009</a>					
GUF	CCLM4-8-11 v1	B. Ahrens		50	1989-2008					
GUF	CCLM4-8-18 v1	B. Ahrens		50	<a href="#">1979-2011</a>	MPI-ESM-LR r1i1p1	<a href="#">1950-2005</a>	<a href="#">2006-2100</a>	2006-2100	
GUF	CCLM4-21 v1	B. Ahrens		50	<a href="#">1979-2014</a>					
GUF	CCLM4-8-18 v1	B. Ahrens		10	1989-2008					
GUF	CCLM5-0-9	B. Ahrens		12	<a href="#">1979-2017</a>					

CMCC U. Salento	CCLM4-8-19 v1	D. Conte P. Lionello		50		CMCC-CM r1i1p1	1950-2005	2006-2100	2006-2100	
CMCC U. Salento	CCLM4-8-19 v2	D. Conte P. Lionello		50	<a href="#">1979-2012</a>	CMCC-CM r1i1p1	<a href="#">1950-2005</a>	<a href="#">2006-2100</a>	<a href="#">2006-2100</a>	
CMCC U. Salento	CCLM4-8-19 v3	D. Conte P. Lionello		50	1979-2012					
BSC	NMMB21	M. Gonçales Algeito		50	1989-2008					
GERICS AWI	REMO	W.Cabos D. Sein		50	1980-2012	MPI-ESM-LR r1i1p1	1950-2005	2006-2099		
GERICS AWI	REMO	W.Cabos D. Sein		25	1980-2012	MPI-ESM-LR r1i1p1	1950-2005	2006-2099		
GERICS AWI	REMO	W.Cabos D. Sein		12	1980-2012					
ELU	RegCM4-3 v1	J. Bartholy I. Pieczka		50	<a href="#">1981-2010</a>	HadGEM2-ES r1i1p1	<a href="#">1961-2005</a>	<a href="#">2006-2099</a>	<a href="#">2006-2099</a>	
CRC	WRF381	A. Ullmann J. Pergaud		50	1979-2015	CCSM4 (unbiased LBC) r6i1p1	1950-2005	2006-2100	2006-2100	