



2: Central America (CAM): <https://cordex.org/domains/cordex-region-central-america-cordex/>

(\*) Details on registered RCMs at [https://github.com/IS-ENES-Data/cordex/blob/master/CORDEX\\_register.xlsx](https://github.com/IS-ENES-Data/cordex/blob/master/CORDEX_register.xlsx); see also [http://is-enes-data.github.io/CORDEX\\_RCMs\\_info.html](http://is-enes-data.github.io/CORDEX_RCMs_info.html)

Based on the CORDEX inventory by Dec-2020, <https://cordex.org/data-scans/regional-climate-change-simulations-for-cordex-domains/>

(1) Major corrections applied to ESGF data before publication in the C3S-CDS

#	Domain	GCM_run	RCM	Interactive Atlas labels	Short labels	Historical	RCP2.6	RCP4.5	RCP5.5	Institution	Access	Reference	Comment	C3S Fixes (1)
1	CAM-22	HadGEM2-ES_r11ip1	REMO2015_v1	MOHC-HadGEM2-ES_r11ip1_GERICS-REMO2015_v1	HadGEM2-ES_r11ip1_REMO2015_v1	1970-2005	2006-2099	N/A	2006-2099	GERICS	ESGF	TBC		
2	CAM-22	MPi-ESM-LR_r11ip1	REMO2015_v1	MPi-M-MPi-ESM-LR_r11ip1_GERICS-REMO2015_v1	MPi-ESM-LR_r11ip1_REMO2015_v1	1970-2005	2006-2100	N/A	2006-2100	GERICS	ESGF	TBC		
3	CAM-22	NorESM1-M_r11ip1	REMO2015_v1	NCC-NorESM1-M_r11ip1_GERICS-REMO2015_v1	NorESM1-M_r11ip1_REMO2015_v1	1970-2005	2006-2100	N/A	2006-2100	GERICS	ESGF	TBC		
4	CAM-22	HadGEM2-ES_r11ip1	RegCM4-7_v0	MOHC-HadGEM2-ES_r11ip1_ICTP-RegCM4-7_v0	HadGEM2-ES_r11ip1_RegCM4-7_v0	1970-2005	2005-2099	N/A	2005-2099	ICTP	ESGF	TBC		
5	CAM-22	MPi-ESM-MR_r11ip1	RegCM4-7_v0	MPi-M-MPi-ESM-MR_r11ip1_ICTP-RegCM4-7_v0	MPi-ESM-MR_r11ip1_RegCM4-7_v0	1970-2005	2005-2099	N/A	2005-2099	ICTP	ESGF	TBC		
6	CAM-22	GFDL-ESM2M_r11ip1	RegCM4-7_v0	NOAA-GFDL-GFDL-ESM2M_r11ip1_ICTP-RegCM4-7_v0	GFDL-ESM2M_r11ip1_RegCM4-7_v0	1970-2005	2006-2099	N/A	2006-2099	ICTP	ESGF	TBC		
7	CAM-22	GFDL-ESM2M_r11ip1	CRCM5_v1	NOAA-GFDL-GFDL-ESM2M_r11ip1_OURANOS-CRCM5_v1	GFDL-ESM2M_r11ip1_CRCM5_v1	1950-2005	N/A	N/A	2006-2100	OURANOS	ESGF	TBC		Wrong values for variable time corrected
8	CAM-44	HadGEM2-ES_r11ip1	RegCM4-3_v4	MOHC-HadGEM2-ES_r11ip1_ICTP-RegCM4-3_v4	HadGEM2-ES_r11ip1_RegCM4-3_v4	1970-2005	N/A	N/A	2005-2099	ICTP	ESGF	TBC		
9	CAM-44	MPi-ESM-MR_r11ip1	RegCM4-3_v4	MPi-M-MPi-ESM-MR_r11ip1_ICTP-RegCM4-3_v4	MPi-ESM-MR_r11ip1_RegCM4-3_v4	1970-2005	N/A	N/A	2005-2099	ICTP	ESGF	TBC		
10	CAM-44	CanESM2_r11ip1	RCM4_v1	CCCma-CanESM2_r11ip1_SMHI-RCM4_v1	CanESM2_r11ip1_RCM4_v1	1951-2005	N/A	N/A	2006-2100	SMHI	ESGF	DOI:10.1002/joc.6276		Grid_north_pole attribute corrected
11	CAM-44	CNRM-CM5_r11ip1	RCM4_v1	CNRM-CERFACS-CNRM-CM5_r11ip1_SMHI-RCM4_v1	CNRM-CM5_r11ip1_RCM4_v1	1951-2005	N/A	N/A	2006-2100	SMHI	ESGF	DOI:10.1002/Warning-Problems with C		Grid_north_pole attribute corrected
12	CAM-44	CSIRO-Mk3-6-0_r11ip1	RCM4_v1	CSIRO-QCCCE-CSIRO-Mk3-6-0_r11ip1_SMHI-RCM4_v1	CSIRO-Mk3-6-0_r11ip1_RCM4_v1	1951-2005	N/A	N/A	2006-2100	SMHI	ESGF	DOI:10.1002/joc.6278		Grid_north_pole attribute corrected
13	CAM-44	EC-EARTH_r12ip1	RCM4_v1	ICHEC-EC-EARTH_r12ip1_SMHI-RCM4_v1	EC-EARTH_r12ip1_RCM4_v1	1951-2005	2006-2100	2006-2100	2006-2100	SMHI	ESGF	DOI:10.1002/joc.6280		Grid_north_pole attribute corrected
14	CAM-44	IPSL-CM5A-MR_r11ip1	RCM4_v1	IPSL-IPSL-CM5A-MR_r11ip1_SMHI-RCM4_v1	IPSL-CM5A-MR_r11ip1_RCM4_v1	1951-2005	N/A	N/A	2006-2100	SMHI	ESGF	DOI:10.1002/joc.6281		Grid_north_pole attribute corrected
15	CAM-44	MIROC5_r11ip1	RCM4_v1	MIROC-MIROCS_r11ip1_SMHI-RCM4_v1	MIROC5_r11ip1_RCM4_v1	1951-2005	2006-2100	N/A	2006-2100	SMHI	ESGF	DOI:10.1002/joc.6282		Grid_north_pole attribute corrected
16	CAM-44	HadGEM2-ES_r11ip1	RCM4_v1	MOHC-HadGEM2-ES_r11ip1_SMHI-RCM4_v1	HadGEM2-ES_r11ip1_RCM4_v1	1951-2005	2006-2099	2006-2099	2006-2099	SMHI	ESGF	DOI:10.1002/joc.6283		Grid_north_pole attribute corrected
17	CAM-44	MPi-ESM-LR_r11ip1	RCM4_v1	MPi-M-MPi-ESM-LR_r11ip1_SMHI-RCM4_v1	MPi-ESM-LR_r11ip1_RCM4_v1	1951-2005	2006-2100	2006-2100	2006-2100	SMHI	ESGF	DOI:10.1002/joc.6284		Grid_north_pole attribute corrected
18	CAM-44	NorESM1-M_r11ip1	RCM4_v1	NCC-NorESM1-M_r11ip1_SMHI-RCM4_v1	NorESM1-M_r11ip1_RCM4_v1	1951-2005	2006-2100	N/A	2006-2100	SMHI	ESGF	DOI:10.1002/joc.6285		Grid_north_pole attribute corrected
19	CAM-44	GFDL-ESM2M_r11ip1	RCM4_v1	NOAA-GFDL-GFDL-ESM2M_r11ip1_SMHI-RCM4_v1	GFDL-ESM2M_r11ip1_RCM4_v1	1951-2005	N/A	N/A	2006-2100	SMHI	ESGF	DOI:10.1002/joc.6286		Grid_north_pole attribute corrected
20	CAM-22	CNRM-CM5_r11ip1	CRCM5_v1	CNRM-CERFACS-CNRM-CM5_r11ip1_OURANOS-CRCM5_v1	CNRM-CM5_r11ip1_CRCM5_v1	1950-2005	N/A	N/A	2006-2100	OURANOS	ESGF	TBC	Warning: Problems with C	
21	CAM-22	CanESM2_r11ip1	CRCM5_v1	CCCma-CanESM2_r11ip1_OURANOS-CRCM5_v1	CanESM2_r11ip1_CRCM5_v1	1950-2005	N/A	N/A	2006-2100	OURANOS	ESGF	TBC		

3: North America (NAM): <https://corDEX.org/domains/region1-north-america/>

(\*) Details on registered RCMs at: [https://github.com/IS-ENES-data/corDEX/blob/master/CORDEX\\_register.xlsx](https://github.com/IS-ENES-data/corDEX/blob/master/CORDEX_register.xlsx); see also [http://is-enes-data.github.io/CORDEX\\_RCM\\_info.html](http://is-enes-data.github.io/CORDEX_RCM_info.html)

Based on the CORDEX inventory by Dec-2020, <https://corDEX.org/data-access/regional-climate-change-simulations-for-cordex-domains/>

(1) Major corrections applied to ESGF data before publication in the CIS-CDs

#	Domain	GCM_run	RCM	Interactive Atlas labels	Short labels	Historical	RCP2.6	RCM4.5	RCP6.5	Institution	Access	Reference	Comment	CIS Files (1)
1	NAM-22	HadESMO_E5_r11sp1	REMO2015_v1	MONC-HadESMO_E5_r11sp1_GERICS-REMO2015_v1	HadESMO_E5_r11sp1_REMO2015_v1	1970-2005	2006-2100	N/A	2006-2100	GERICS	ESGF	TBC		
2	NAM-22	MPI-ESM-LR_r11sp1	REMO2015_v1	MPI-M-MPI-ESM-LR_r11sp1_GERICS-REMO2015_v1	MPI-ESM-LR_r11sp1_REMO2015_v1	1970-2005	2006-2100	N/A	2006-2100	GERICS	ESGF	TBC		
3	NAM-22	HadESM1_M_r11sp1	REMO2015_v1	HadESM1_M_r11sp1_GERICS-REMO2015_v1	HadESM1_M_r11sp1_REMO2015_v1	1970-2005	2006-2100	N/A	2006-2100	GERICS	ESGF	TBC		
4	NAM-22	CanESM2_r11sp1	CRCM5_v1	CCma-CanESM2_r11sp1_OURANOS-CRCM5_v1	CanESM2_r11sp1_OURANOS-CRCM5_v1	1950-2005	N/A	2006-2100	2006-2100	OURANOS	ESGF	TBC	With spectral nudging	Wai
5	NAM-22	CNRM-CM5_r11sp1	CRCM5_v1	CNRM-CM5_r11sp1_OURANOS-CRCM5_v1	CNRM-CM5_r11sp1_OURANOS-CRCM5_v1	1950-2005	N/A	2006-2100	2006-2100	OURANOS	ESGF	TBC	With spectral nudging	
6	NAM-22	MPI-ESM-LR_r11sp1	CRCM5_v1	MPI-M-MPI-ESM-LR_r11sp1_OURANOS-CRCM5_v1	MPI-ESM-LR_r11sp1_OURANOS-CRCM5_v1	1950-2005	N/A	2006-2100	2006-2100	OURANOS	ESGF	TBC	With spectral nudging	
7	NAM-22	GFOL-ESM2M_r11sp1	CRCM5_v1	NOAA-GFOL-ESM2M_r11sp1_OURANOS-CRCM5_v1	GFOL-ESM2M_r11sp1_OURANOS-CRCM5_v1	1950-2005	N/A	2006-2100	2006-2100	OURANOS	ESGF	TBC	With spectral nudging	
8	NAM-44	EC-EARTH_r11sp1	HIRHAM5_v1	ICHEC-EC-EARTH_r11sp1_DMI-HIRHAM5_v1	EC-EARTH_r11sp1_HIRHAM5_v1	1951-2005	N/A	2006-2100	2006-2100	DMI	ESGF	TBC		
9	NAM-44	CanESM2_r11sp1	RCM4_v1	CCma-CanESM2_r11sp1_SMR-RCM4_v1	CanESM2_r11sp1_RCM4_v1	1951-2005	N/A	2006-2100	2006-2100	SMR	ESGF	TBC		
10	NAM-44	EC-EARTH_r12sp1	RCM4_v1	ICHEC-EC-EARTH_r12sp1_SMR-RCM4_v1	EC-EARTH_r12sp1_RCM4_v1	1951-2005	2006-2100	2006-2100	2006-2100	SMR	ESGF	TBC		
11	NAM-22	CanESM2_r11sp1	CanRCM4_r2	CCma-CanESM2_r11sp1_CCCma-CanRCM4_r2	CanESM2_r11sp1_CanRCM4_r2	1950-2005	N/A	2006-2100	2006-2100	CCCma	ESGF	DOI:10.5065/D6S1L1CH		
12	NAM-22	ESM2M_r11sp1	RegCM4_v4-4-rc8	NOAA-GFOL-ESM2M_r11sp1_USU-RegCM4_v4-4-rc8	GFOL-ESM2M_r11sp1_RegCM4_v4-4-rc8	1950-2005	N/A	N/A	2006-2099	ISU	ESGF	DOI:10.5065/D6S1L1CH		
13	NAM-22	HadESM2_E5_r11sp1	RegCM4_v4-4-rc8	MONC-HadESM2_E5_r11sp1_USU-RegCM4_v4-4-rc8	HadESM2_E5_r11sp1_RegCM4_v4-4-rc8	1950-2005	N/A	N/A	2006-2098	ISU	ESGF	DOI:10.5065/D6S1L1CH		
14	NAM-22	MPI-ESM-LR_r11sp1	RegCM4_v4-4-rc8	MPI-M-MPI-ESM-LR_r11sp1_NCAR-RegCM4_v4-4-rc8	MPI-ESM-LR_r11sp1_RegCM4_v4-4-rc8	1949-2005	N/A	N/A	2006-2100	NCAR	ESGF	DOI:10.5065/D6S1L1CH		
15	NAM-22	GFOL-ESM2M_r11sp1	WRF_v3-5-1	NOAA-GFOL-ESM2M_r11sp1_NCAR-WRF_v3-5-1	GFOL-ESM2M_r11sp1_WRF_v3-5-1	1950-2005	N/A	N/A	2006-2099	NCAR	ESGF	DOI:10.5065/D6S1L1CH		
16	NAM-22	HadESM2_E5_r11sp1	WRF_v3-5-1	MONC-HadESM2_E5_r11sp1_NCAR-WRF_v3-5-1	HadESM2_E5_r11sp1_WRF_v3-5-1	1950-2005	N/A	N/A	2006-2099	NCAR	ESGF	DOI:10.5065/D6S1L1CH		
17	NAM-22	MPI-ESM-LR_r11sp1	WRF_v3-5-1	MPI-M-MPI-ESM-LR_r11sp1_UA-WRF_v3-5-1	MPI-ESM-LR_r11sp1_WRF_v3-5-1	1950-2005	N/A	N/A	2006-2100	UA	ESGF	DOI:10.5065/D6S1L1CH		
18	NAM-22	MPI-ESM-LR_r11sp1	CRCM5_v1	MPI-M-MPI-ESM-LR_r11sp1_UQAM-CRCM5_v1	MPI-ESM-LR_r11sp1_UQAM-CRCM5_v1	1949-2005	N/A	2006-2100	2006-2100	UQAM	ESGF	TBC		
19	NAM-22	MPI-ESM-MR_r11sp1	CRCM5_v1	MPI-M-MPI-ESM-MR_r11sp1_UQAM-CRCM5_v1	MPI-ESM-MR_r11sp1_UQAM-CRCM5_v1	1949-2005	N/A	N/A	2006-2100	UQAM	ESGF	DOI:10.5065/D6S1L1CH		
20	NAM-22	CanESM2_r11sp1	CRCM5_v1	CCma-CanESM2_r11sp1_UQAM-CRCM5_v1	CanESM2_r11sp1_UQAM-CRCM5_v1	1950-2005	N/A	2006-2100	2006-2100	UQAM	ESGF	TBC		

(\*) Details on registered RCMs at [https://github.com/IS-ENES-Data/cordex/blob/master/CORDEX\\_register.xlsx](https://github.com/IS-ENES-Data/cordex/blob/master/CORDEX_register.xlsx); see also [http://is-enes-data.github.io/CORDEX\\_RCMs\\_info.html](http://is-enes-data.github.io/CORDEX_RCMs_info.html)  
Based on the CORDEX inventory by Dec-2020, <https://cordex.org/data-access/regional-climate-change-simulations-for-cordex-domains/>

[illegible]

5: Africa (AFR): <https://cordex.org/domains/region-5-africa/>

(\*) Details on registered RCMs at [https://github.com/fv-emes-data/cordes/blob/master/CORDEX\\_register.xlsx](https://github.com/fv-emes-data/cordes/blob/master/CORDEX_register.xlsx); see also [http://fv-emes-data.github.io/CORDEX\\_RCM\\_info.html](http://fv-emes-data.github.io/CORDEX_RCM_info.html)

Based on the CORDEX inventory by Dec 2020, <https://cordex.org/data-access/regional-climate-change-simulations-for-cordex-domains/>

(1) Major corrections applied to ESGF data before publication in the CIS-CDS

#	Domain	GCM_run	RCM	Interactive Atlas labels	Short labels	Historical	RCP2.6	RCP4.5	RCP8.5	Institution	Access	Reference	Comment	CIS Fixes (1)
1 AFR-22	HadGEM2-ES	_r11sp1	CLIM5-0-15_v1	MOHC-HadGEM2-ES_r11sp1_CLIMcom-KIT-CLIM5-0-15_v1	HadGEM2-ES_r11sp1_CLIM5-0-15_v1	1950-2005	2006-2098	N/A	2006-2099	CLIMcom-KIT	ESGF	TBC		
2 AFR-22	MPI-ESM-LR	_r11sp1	CLIM5-0-15_v1	MPI-M-MPI-ESM-LR_r11sp1_CLIMcom-KIT-CLIM5-0-15_v1	MPI-ESM-LR_r11sp1_CLIM5-0-15_v1	1950-2005	2006-2100	N/A	2006-2100	CLIMcom-KIT	ESGF	TBC		
3 AFR-22	NorESM1-M	_r11sp1	CLIM5-0-15_v1	NCC-NorESM1-M_r11sp1_CLIMcom-KIT-CLIM5-0-15_v1	NorESM1-M_r11sp1_CLIM5-0-15_v1	1950-2005	2006-2100	N/A	2006-2100	CLIMcom-KIT	ESGF	TBC		
4 AFR-22	HadGEM2-ES	_r11sp1	REMO2015_v1	MOHC-HadGEM2-ES_r11sp1_GERICS-REMO2015_v1	HadGEM2-ES_r11sp1_REMO2015_v1	1970-2005	2006-2099	N/A	2006-2099	GERICS	ESGF	TBC		
5 AFR-22	MPI-ESM-LR	_r11sp1	REMO2015_v1	MPI-M-MPI-ESM-LR_r11sp1_GERICS-REMO2015_v1	MPI-ESM-LR_r11sp1_REMO2015_v1	1970-2005	2006-2100	N/A	2006-2100	GERICS	ESGF	TBC		
6 AFR-22	NorESM1-M	_r11sp1	REMO2015_v1	NCC-NorESM1-M_r11sp1_GERICS-REMO2015_v1	NorESM1-M_r11sp1_REMO2015_v1	1970-2005	2006-2100	N/A	2006-2100	GERICS	ESGF	TBC		
7 AFR-22	HadGEM2-ES	_r11sp1	RegCM4-7_v0	MOHC-HadGEM2-ES_r11sp1_ICTP-RegCM4-7_v0	HadGEM2-ES_r11sp1_RegCM4-7_v0	1970-2005	2005-2099	N/A	2005-2099	ICTP	ESGF	TBC		
8 AFR-22	MPI-ESM-MR	_r11sp1	RegCM4-7_v0	MPI-M-MPI-ESM-MR_r11sp1_ICTP-RegCM4-7_v0	MPI-ESM-MR_r11sp1_RegCM4-7_v0	1970-2005	2005-2063	N/A	2005-2073	ICTP	ESGF	TBC		Included missing projection in fixed variables; First month removed (repeated)
9 AFR-22	NorESM1-M	_r11sp1	RegCM4-7_v0	NCC-NorESM1-M_r11sp1_ICTP-RegCM4-7_v0	NorESM1-M_r11sp1_RegCM4-7_v0	1970-2005	2005-2099	N/A	2005-2099	ICTP	ESGF	TBC		
10 AFR-44	CNRM-CM5	_r11sp1	CLIM4-8-17_v1	CNRM-CERFACS-CNRM-CM5_r11sp1_CLIMcom-CLIM4-8-17_v1	CNRM-CM5_r11sp1_CLIM4-8-17_v1	1950-2005	N/A	2006-2100	2006-2100	CLIMcom	ESGF	TBC		
11 AFR-44	EC-EARTH_r121sp1		CLIM4-8-17_v1	ICHEC-EC-EARTH_r121sp1_CLIMcom-CLIM4-8-17_v1	EC-EARTH_r121sp1_CLIM4-8-17_v1	1949-2005	N/A	2006-2100	2006-2100	CLIMcom	ESGF	TBC	Warning: Potential probh	
12 AFR-44	HadGEM2-ES	_r11sp1	CLIM4-8-17_v1	MOHC-HadGEM2-ES_r11sp1_CLIMcom-CLIM4-8-17_v1	HadGEM2-ES_r11sp1_CLIM4-8-17_v1	1949-2005	N/A	2006-2099	2006-2099	CLIMcom	ESGF	TBC		
13 AFR-44	MPI-ESM-LR	_r11sp1	CLIM4-8-17_v1	MPI-M-MPI-ESM-LR_r11sp1_CLIMcom-CLIM4-8-17_v1	MPI-ESM-LR_r11sp1_CLIM4-8-17_v1	1949-2005	N/A	2006-2100	2006-2100	CLIMcom	ESGF	TBC		
14 AFR-44	EC-EARTH_r11sp1		HRHAM5_v2	ICHEC-EC-EARTH_r11sp1_OMH-HRHAM5_v2	EC-EARTH_r11sp1_HRHAM5_v2	1951-2005	N/A	2006-2100	2006-2100	DMI	ESGF	TBC		Time bounds corrected using initial time from filename
15 AFR-44	IPSL-CM5A-LR	_r11sp1	REMO2009_v1	IPSL-IPSL-CM5A-LR_r11sp1_GERICS-REMO2009_v1	IPSL-CM5A-LR_r11sp1_REMO2009_v1	1950-2005	2006-2100	N/A	2006-2100	GERICS	ESGF	DOI:10.1002/2017EF000714		
16 AFR-44	MIROC5	_r11sp1	REMO2009_v1	MIROC-MIROC5_r11sp1_GERICS-REMO2009_v1	MIROC5_r11sp1_REMO2009_v1	1950-2005	2006-2100	N/A	2006-2100	GERICS	ESGF	DOI:10.1002/2017EF000714		
17 AFR-44	HadGEM2-ES	_r11sp1	REMO2009_v1	MOHC-HadGEM2-ES_r11sp1_GERICS-REMO2009_v1	HadGEM2-ES_r11sp1_REMO2009_v1	1950-2005	2006-2099	N/A	2006-2099	GERICS	ESGF	DOI:10.1002/2017EF000714		
18 AFR-44	GFDL-ESM2G	_r11sp1	REMO2009_v1	NOAA-GFDL-GFDL-ESM2G_r11sp1_GERICS-REMO2009_v1	GFDL-ESM2G_r11sp1_REMO2009_v1	1950-2005	2006-2100	N/A	N/A	GERICS	ESGF	TBC		
* AFR-44	HadGEM2-ES	_r11sp1	RegCM4-5_v4			1970-2005	N/A	N/A	2005-2099	ICTP	ESGF	TBC	Discarded due to problem	Some files with outliers removed; Convert outliers or repeated values to Fillvalues
* AFR-44	MPI-ESM-MR	_r11sp1	RegCM4-5_v4			1970-2005	N/A	N/A	2005-2099	ICTP	ESGF	TBC	Discarded due to problem	
19 AFR-44	EC-EARTH_r121sp1		RACMO22T_v1	ICHEC-EC-EARTH_r121sp1_KNMI-RACMO22T_v1	EC-EARTH_r121sp1_RACMO22T_v1	1950-2005	2006-2100	N/A	N/A	KNMI	ESGF	TBC		
20 AFR-44	HadGEM2-ES	_r11sp1	RACMO22T_v1	MOHC-HadGEM2-ES_r11sp1_KNMI-RACMO22T_v1	HadGEM2-ES_r11sp1_RACMO22T_v1	1950-2005	2006-2099	2006-2099	2006-2099	KNMI	ESGF	TBC		
21 AFR-44	EC-EARTH_r121sp1		REMO2009_v1	ICHEC-EC-EARTH_r121sp1_MPI-CSC-REMO2009_v1	EC-EARTH_r121sp1_REMO2009_v1	1950-2005	2006-2100	2006-2100	2006-2100	MPI-CSC	ESGF	DOI:10.1002/2017EF000714		
22 AFR-44	MPI-ESM-LR	_r11sp1	REMO2009_v1	MPI-M-MPI-ESM-LR_r11sp1_MPI-CSC-REMO2009_v1	MPI-ESM-LR_r11sp1_REMO2009_v1	1950-2005	2006-2100	2006-2100	2006-2100	MPI-CSC	ESGF	DOI:10.1002/2017EF000714		
23 AFR-44	CanESM2	_r11sp1	RC4A_v1	CCma-CanESM2_r11sp1_SMH-RC4A_v1	CanESM2_r11sp1_RC4A_v1	1951-2005	N/A	2006-2100	2006-2100	SMH	ESGF	TBC		
24 AFR-44	CNRM-CM5	_r11sp1	RC4A_v1	CNRM-CERFACS-CNRM-CM5_r11sp1_SMH-RC4A_v1	CNRM-CM5_r11sp1_RC4A_v1	1951-2005	N/A	2006-2100	2006-2100	SMH	ESGF	TBC	Warning: Problems with	
25 AFR-44	CSIRO-Mk3-6-0_r11sp1		RC4A_v1	CSIRO-OZCCS-CSIRO-Mk3-6-0_r11sp1_SMH-RC4A_v1	CSIRO-Mk3-6-0_r11sp1_RC4A_v1	1951-2005	N/A	2006-2100	2006-2100	SMH	ESGF	TBC		
26 AFR-44	EC-EARTH_r121sp1		RC4A_v1	ICHEC-EC-EARTH_r121sp1_SMH-RC4A_v1	EC-EARTH_r121sp1_RC4A_v1	1951-2005	2006-2100	2006-2100	2006-2100	SMH	ESGF	TBC		
27 AFR-44	IPSL-CM5A-MR	_r11sp1	RC4A_v1	IPSL-IPSL-CM5A-MR_r11sp1_SMH-RC4A_v1	IPSL-CM5A-MR_r11sp1_RC4A_v1	1951-2005	N/A	2006-2100	2006-2100	SMH	ESGF	TBC		
28 AFR-44	MIROC5	_r11sp1	RC4A_v1	MIROC-MIROC5_r11sp1_SMH-RC4A_v1	MIROC5_r11sp1_RC4A_v1	1951-2005	2006-2100	2006-2100	2006-2100	SMH	ESGF	TBC		
29 AFR-44	HadGEM2-ES	_r11sp1	RC4A_v1	MOHC-HadGEM2-ES_r11sp1_SMH-RC4A_v1	HadGEM2-ES_r11sp1_RC4A_v1	1951-2005	2006-2099	2006-2099	2006-2099	SMH	ESGF	TBC		
30 AFR-44	MPI-ESM-LR	_r11sp1	RC4A_v1	MPI-M-MPI-ESM-LR_r11sp1_SMH-RC4A_v1	MPI-ESM-LR_r11sp1_RC4A_v1	1951-2005	2006-2100	2006-2100	2006-2100	SMH	ESGF	TBC		
31 AFR-44	NorESM1-M	_r11sp1	RC4A_v1	NCC-NorESM1-M_r11sp1_SMH-RC4A_v1	NorESM1-M_r11sp1_RC4A_v1	1951-2005	2006-2100	2006-2100	2006-2100	SMH	ESGF	TBC		
32 AFR-44	GFDL-ESM2M	_r11sp1	RC4A_v1	NOAA-GFDL-GFDL-ESM2M_r11sp1_SMH-RC4A_v1	GFDL-ESM2M_r11sp1_RC4A_v1	1951-2005	N/A	2006-2100	2006-2100	SMH	ESGF	TBC		
33 AFR-44	CanESM2	_r11sp1	CRCM5_v1	CCma-CanESM2_r11sp1_UGAM-CRCM5_v1	CanESM2_r11sp1_CRCM5_v1	1950-2005	N/A	2006-2100	N/A	UGAM	ESGF	TBC		
34 AFR-44	MPI-ESM-LR	_r11sp1	CRCM5_v1	MPI-M-MPI-ESM-LR_r11sp1_UGAM-CRCM5_v1	MPI-ESM-LR_r11sp1_CRCM5_v1	1949-2005	N/A	2006-2100	N/A	UGAM	ESGF	TBC		
35 AFR-22/44	CanESM2_r11sp1		CanRCM4_r2	CCma-CanESM2_r11sp1_CCma-CanRCM4_r2	CanESM2_r11sp1_CanRCM4_r2	1949-2005	N/A	2006-2100	2006-2100	CCma	ESGF	TBC		

6 South Asia (WAS): <https://corDEX.org/domains/region-6-south-asia-2/>

(\*) Details on registered RCMA: at [https://github.com/ifs-EMES-data/corDEX/blob/master/CORDEX\\_register.xlsx](https://github.com/ifs-EMES-data/corDEX/blob/master/CORDEX_register.xlsx); see also [http://ifs-emes-data.github.io/CORDEX\\_RCMA\\_info.html](http://ifs-emes-data.github.io/CORDEX_RCMA_info.html)

Based on the CORDEX inventory by Dec-2020, <https://corDEX.org/data-access/regional-climate-change-simulations-for-cortex-domains/>

# Domain	GCM_run	RCM	Interactive Atlas labels	Short labels	Historical	RCP2.6	RCP4.5	RCP5.5	Institution	Access	Reference	Comment
1 WAS-22	EC-EARTH_r12i1p1	CSIRMO-cCLIM-v1-1_v1	KHCC-EC-EARTH_r12i1p1_CLIMcom-ETH-CSIRMO-cCLIM-v1-1_v1	EC-EARTH_r12i1p1_cCLIM-v1-1_v1	1950-2005	N/A	N/A	2006-2099	CLIMcom-ETH-ESGF		DOI:10.1002/2016joc026014	
2 WAS-22	MPi-ESM-LR_r11p1p1	CSIRMO-cCLIM-v1-1_v1	MPi-M-MPi-ESM-LR_r11p1p1_CLIMcom-ETH-CSIRMO-cCLIM-v1-1_v1	MPi-ESM-LR_r11p1p1_cCLIM-v1-1_v1	1950-2005	2006-2099	N/A	2006-2099	CLIMcom-ETH-ESGF		DOI:10.1002/2016joc026015	
3 WAS-22	NorESM1-M_r11p1p1	CSIRMO-cCLIM-v1-1_v1	NCC-NorESM1-M_r11p1p1_CLIMcom-ETH-CSIRMO-cCLIM-v1-1_v1	NorESM1-M_r11p1p1_cCLIM-v1-1_v1	1950-2005	2006-2099	N/A	2006-2099	CLIMcom-ETH-ESGF		DOI:10.1002/2016joc026013	
4 WAS-22	HadGEM2-E3_r11p1p1	REM02015_v1	MOHC-HadGEM2-E3_r11p1p1_GERICS-REM02015_v1	HadGEM2-E3_r11p1p1_REM02015_v1	1970-2005	2006-2099	N/A	2006-2099	GERICS	ESGF	TBC	
5 WAS-22	MPi-ESM-LR_r11p1p1	REM02015_v1	MPi-M-MPi-ESM-LR_r11p1p1_GERICS-REM02015_v1	MPi-ESM-LR_r11p1p1_REM02015_v1	1970-2005	2006-2100	N/A	2006-2100	GERICS	ESGF	TBC	
6 WAS-22	NorESM1-M_r11p1p1	REM02015_v1	NCC-NorESM1-M_r11p1p1_REM02015_v1	NorESM1-M_r11p1p1_REM02015_v1	1970-2005	2006-2100	N/A	2006-2100	GERICS	ESGF	TBC	
7 WAS-22	MIROC5_r11p1p1	RegCM4-7_v0	MIROC-MIROC5_r11p1p1_ORNL-RegCM4-7_v0	MIROC5_r11p1p1_RegCM4-7_v0	1970-2005	2006-2099	N/A	2006-2099	ORNL	ESGF	TBC	In ESGF the model is labelled "CTP-RegCM4-7" and should "ORNL-RegCM4-7"
8 WAS-22	MPi-ESM-MR_r11p1p1	RegCM4-7_v0	MPi-M-MPi-ESM-MR_r11p1p1_ORNL-RegCM4-7_v0	MPi-ESM-MR_r11p1p1_RegCM4-7_v0	1970-2005	2006-2099	N/A	2006-2099	ORNL	ESGF	TBC	In ESGF the model is labelled "CTP-RegCM4-7" and should "ORNL-RegCM4-7"
9 WAS-22	NorESM1-M_r11p1p1	RegCM4-7_v0	NCC-NorESM1-M_r11p1p1_ORNL-RegCM4-7_v0	NorESM1-M_r11p1p1_RegCM4-7_v0	1970-2005	2006-2099	N/A	2006-2099	ORNL	ESGF	TBC	In ESGF the model is labelled "CTP-RegCM4-7" and should "ORNL-RegCM4-7"
10 WAS-44	CnRM-CM5_r11p1p1	RegCM4-4_v5	CCma-CnRM-CM5_r11p1p1_ITM-RegCM4-4_v5	CnRM-CM5_r11p1p1_RegCM4-4_v5	1951-2005	N/A	2006-2099	2006-2099	ITM	ESGF	TBC	Warning: Problems with CNRM-CM5_r11p1p1 gh forcing: <a href="https://www.um-cnm.fr/cmip5/psip.php">https://www.um-cnm.fr/cmip5/psip.php</a> . Wrong units for Wind
11 WAS-44	CNRM-CM5_r11p1p1	RegCM4-4_v5	CNRM-CERFACS-CNRM-CM5_r11p1p1_ITM-RegCM4-4_v5	CNRM-CM5_r11p1p1_RegCM4-4_v5	1951-2005	N/A	2006-2099	<del>2006-2085</del>	ITM	ESGF	TBC	
12 WAS-44	CSIRO-Mk3-6-0_r11p1p1	RegCM4-4_v5	CSIRO-CCC-CSIRO-Mk3-6-0_r11p1p1_ITM-RegCM4-4_v5	CSIRO-Mk3-6-0_r11p1p1_RegCM4-4_v5	1951-2005	N/A	2006-2099	2006-2099	ITM	ESGF	TBC	Wrong units for Wind
13 WAS-44	IPSL-CM5A-LR_r11p1p1	RegCM4-4_v5	IPSL-IPSL-CM5A-LR_r11p1p1_ITM-RegCM4-4_v5	IPSL-CM5A-LR_r11p1p1_RegCM4-4_v5	1951-2005	N/A	2006-2099	2006-2099	ITM	ESGF	TBC	
14 WAS-44	MPi-ESM-MR_r11p1p1	RegCM4-4_v5	MPi-M-MPi-ESM-MR_r11p1p1_ITM-RegCM4-4_v5	MPi-ESM-MR_r11p1p1_RegCM4-4_v5	1951-2005	N/A	2006-2099	2006-2099	ITM	ESGF	TBC	Wrong units for Wind
15 WAS-44	GFCL-ESM2M_r11p1p1	RegCM4-4_v5	NOAA-GFDL-GFDL-ESM2M_r11p1p1_ITM-RegCM4-4_v5	GFCL-ESM2M_r11p1p1_RegCM4-4_v5	1951-2005	N/A	2006-2099	2006-2099	ITM	ESGF	TBC	Wrong units for Wind
16 WAS-44	MPi-ESM-LR_r11p1p1	REM02009_v1	MPi-M-MPi-ESM-LR_r11p1p1_MPI-CSC-REM02009_v1	MPi-ESM-LR_r11p1p1_REM02009_v1	1961-2005	2006-2100	2006-2100	2006-2100	MPI-CSC	ESGF	DOI:10.1390/atmos-4-20214	
17 WAS-44	CnRM-CM5_r11p1p1	RCM4_v0	CCma-CnRM-CM5_r11p1p1_SMH-RCM4_v0	CnRM-CM5_r11p1p1_RCM4_v0	1951-2005	N/A	2006-2100	2006-2100	SMH	ESGF	TBC	
18 WAS-44	CNRM-CM5_r11p1p1	RCM4_v2	CNRM-CERFACS-CNRM-CM5_r11p1p1_SMH-RCM4_v2	CNRM-CM5_r11p1p1_RCM4_v2	1951-2005	N/A	2006-2100	2006-2100	SMH	ESGF	TBC	Warning: Problems with CNRM-CM5_r11p1p1 gh forcing: <a href="https://www.um-cnm.fr/cmip5/psip.php">https://www.um-cnm.fr/cmip5/psip.php</a>
19 WAS-44	CSIRO-Mk3-6-0_r11p1p1	RCM4_v2	CSIRO-CCC-CSIRO-Mk3-6-0_r11p1p1_SMH-RCM4_v2	CSIRO-Mk3-6-0_r11p1p1_RCM4_v2	1951-2005	N/A	2006-2100	2006-2100	SMH	ESGF	TBC	
20 WAS-44	EC-EARTH_r12i1p1	RCM4_v2	KHCC-EC-EARTH_r12i1p1_SMH-RCM4_v2	EC-EARTH_r12i1p1_RCM4_v2	1951-2005	2006-2100	2006-2100	2006-2100	SMH	ESGF	TBC	
21 WAS-44	IPSL-CM5A-MR_r11p1p1	RCM4_v2	IPSL-IPSL-CM5A-MR_r11p1p1_SMH-RCM4_v2	IPSL-CM5A-MR_r11p1p1_RCM4_v2	1951-2005	N/A	2006-2100	2006-2100	SMH	ESGF	TBC	
22 WAS-44	MIROC5_r11p1p1	RCM4_v2	MIROC-MIROC5_r11p1p1_SMH-RCM4_v2	MIROC5_r11p1p1_RCM4_v2	1951-2005	2006-2100	2006-2100	2006-2100	SMH	ESGF	TBC	
23 WAS-44	HadGEM2-E3_r11p1p1	RCM4_v2	MOHC-HadGEM2-E3_r11p1p1_SMH-RCM4_v2	HadGEM2-E3_r11p1p1_RCM4_v2	1951-2005	2006-2099	2006-2099	2006-2099	SMH	ESGF	TBC	
24 WAS-44	MPi-ESM-LR_r11p1p1	RCM4_v2	MPi-M-MPi-ESM-LR_r11p1p1_SMH-RCM4_v2	MPi-ESM-LR_r11p1p1_RCM4_v2	1951-2005	2006-2100	2006-2100	2006-2100	SMH	ESGF	TBC	
25 WAS-44	NorESM1-M_r11p1p1	RCM4_v2	NCC-NorESM1-M_r11p1p1_SMH-RCM4_v2	NorESM1-M_r11p1p1_RCM4_v2	1951-2005	2006-2100	2006-2100	2006-2100	SMH	ESGF	TBC	
26 WAS-44	GFDL-ESM2M_r11p1p1	RCM4_v2	NOAA-GFDL-GFDL-ESM2M_r11p1p1_SMH-RCM4_v2	GFDL-ESM2M_r11p1p1_RCM4_v2	1951-2005	N/A	2006-2100	2006-2100	SMH	ESGF	TBC	

7: East Asia (EAS): <https://cordex.org/domains/region-7-east-asia/>

(\*) Details on registered RCMs at [https://github.com/IS-ENES-Data/cordex/blob/master/CORDEX\\_register.xlsx](https://github.com/IS-ENES-Data/cordex/blob/master/CORDEX_register.xlsx); see also [http://is-enes-data.github.io/CORDEX\\_RCMs\\_info.html](http://is-enes-data.github.io/CORDEX_RCMs_info.html)

Based on the CORDEX inventory by Dec-2020, <https://cordex.org/data-access/regional-climate-change-simulations-for-cordex-domains/>

(1) Major corrections applied to ESGF data before publication in the CS3-CDS

#	Domain	GCM_run	RCM	Interactive Atlas labels	Short labels	Historical	RCP2.6	RCp4.5	RCp8.5	Institution	Access	Reference	Comment	CS3 Fixes (1)
1	EAS-22	HadGEM2-ES_r11p1	REMO2015_v1	MOHC-HadGEM2-ES_r11p1_GERICS-REMO2015_v1	HadGEM2-ES_r11p1_REMO2015_v1	1970-2005	2006-2099	N/A	2006-2099	GERICS	ESGF			
2	EAS-22	MPi-ESM-LR_r11p1	REMO2015_v1	MPi-M-MPi-ESM-LR_r11p1_GERICS-REMO2015_v1	MPi-ESM-LR_r11p1_REMO2015_v1	1970-2005	2006-2100	N/A	2006-2100	GERICS	ESGF			
3	EAS-22	NorESM1-M_r11p1	REMO2015_v1	NCC-NorESM1-M_r11p1_GERICS-REMO2015_v1	NorESM1-M_r11p1_REMO2015_v1	1970-2005	2006-2100	N/A	2006-2100	GERICS	ESGF			
4	EAS-44	CNRM-CM5_r11p1	CCLM5-0-2_v1	CNRM-CERFACS-CNRM-CM5_r11p1_CLMcom-CCLM5	CNRM-CM5_r11p1_CCLM5-0-2_v1	1951-2005	N/A	2006-2100	2006-2100	CLMcom	ESGF		Warning: Potential pr	Variable pr was divided by 24 ( <a href="https://wiki.coast.hzg.de/md/">https://wiki.coast.hzg.de/md/</a> )
5	EAS-44	EC-EARTH_r12i1p1	CCLM5-0-2_v1	ICHEC-EC-EARTH_r12i1p1_CLMcom-CCLM5-0-2_v1	EC-EARTH_r12i1p1_CCLM5-0-2_v1	1951-2005	N/A	2006-2100	2006-2100	CLMcom	ESGF			Variable pr was divided by 24 ( <a href="https://wiki.coast.hzg.de/md/">https://wiki.coast.hzg.de/md/</a> )
6	EAS-44	HadGEM2-ES_r11p1	CCLM5-0-2_v1	MOHC-HadGEM2-ES_r11p1_CLMcom-CCLM5-0-2_v1	HadGEM2-ES_r11p1_CCLM5-0-2_v1*	1951-2005	N/A	2006-2098	2006-2098	CLMcom	ESGF			Variable pr was divided by 24 ( <a href="https://wiki.coast.hzg.de/md/">https://wiki.coast.hzg.de/md/</a> )
7	EAS-44	MPi-ESM-LR_r11p1	CCLM5-0-2_v1	MPi-M-MPi-ESM-LR_r11p1_CLMcom-CCLM5-0-2_v1	MPi-ESM-LR_r11p1_CCLM5-0-2_v1	1951-2005	N/A	2006-2099	2006-2099	CLMcom	ESGF			Variable pr was divided by 24 ( <a href="https://wiki.coast.hzg.de/md/">https://wiki.coast.hzg.de/md/</a> )
8	EAS-44	EC-EARTH_r3i1p1	HIRHAM5_v1	ICHEC-EC-EARTH_r3i1p1_DMI-HIRHAM5_v1	EC-EARTH_r3i1p1_HIRHAM5_v1	1951-2005	N/A	2006-2100	2006-2100	DMI	ESGF			Time bounds corrected using initial time from filename
9	EAS-22	HadGEM2-ES_r11p1	RegCM4-4_v0	MOHC-HadGEM2-ES_r11p1_ICTP-RegCM4-4_v0	HadGEM2-ES_r11p1_RegCM4-4_v0	1970-2005	2006-2098	N/A	2006-2098	ICTP	ESGF			
10	EAS-22	MPi-ESM-MR_r11p1	RegCM4-4_v0	MPi-M-MPi-ESM-MR_r11p1_ICTP-RegCM4-4_v0	MPi-ESM-MR_r11p1_RegCM4-4_v0	1980-2005	2006-2099	N/A	2006-2099	ICTP	ESGF		Discarded for precip. i	
11	EAS-22	NorESM1-M_r11p1	RegCM4-4_v0	NCC-NorESM1-M_r11p1_ICTP-RegCM4-4_v0	NorESM1-M_r11p1_RegCM4-4_v0	1970-2005	2006-2099	N/A	2006-2100	ICTP	ESGF			

9: Australasia (AUS): <https://codex.org/domains/region-9-australia/>

[\*] Details on registered RCMs at [https://github.com/E-ENES-Data/cordex/blob/master/CORDEX\\_register.xlsx](https://github.com/E-ENES-Data/cordex/blob/master/CORDEX_register.xlsx); see also [https://is-enes-data.github.io/CORDEX\\_RCMs\\_info.html](https://is-enes-data.github.io/CORDEX_RCMs_info.html)  
Based on the CORDEX inventory by Dec-2020, <https://codex.org/data-access/regional-climate-change-simulations-for-cordex-domain/>  
(1) Major corrections applied to ESGF data before publication in the C3S CDS

#	Domain	GCM_run	RCM	Interactive Atlas labels	Short labels	Historical	RCP2.6	RCM4.5	RCP8.5	Institution	Access	Reference	Comment	C3S Fixes (1)
1	AUS-22	HudGEM2-ES_r11p1	REMO2015_v1	MOHC-HudGEM2-ES_r11p1_GERICS-REMO2015_v1	HudGEM2-ES_r11p1_REMO2015_v1	1970-2005	2006-2099	N/A	2006-2099	GERICS	ESGF	TBC		
2	AUS-22	MPi-ESM-LR_r11p1	REMO2015_v1	MPi-M-MPi-ESM-LR_r11p1_GERICS-REMO2015_v1	MPi-ESM-LR_r11p1_REMO2015_v1	1970-2005	2006-2100	N/A	2006-2100	GERICS	ESGF	TBC		
3	AUS-22	NorESM1-M_r11p1	REMO2015_v1	NCC-NorESM1-M_r11p1_GERICS-REMO2015_v1	NorESM1-M_r11p1_REMO2015_v1	1970-2005	2006-2100	N/A	2006-2100	GERICS	ESGF	TBC		
4	AUS-22	HudGEM2-ES_r11p1	RegCM4-7_v0	MOHC-HudGEM2-ES_r11p1_ICTP-RegCM4-7_v0	HudGEM2-ES_r11p1_RegCM4-7_v0	1970-2005	2006-2099	N/A	2006-2099	ICTP	ESGF	TBC		
5	AUS-22	MPi-ESM-MR_r11p1	RegCM4-7_v0	MPi-M-MPi-ESM-MR_r11p1_ICTP-RegCM4-7_v0	MPi-ESM-MR_r11p1_RegCM4-7_v0	1970-2005	2006-2099	N/A	2006-2099	ICTP	ESGF	TBC		
6	AUS-22	NorESM1-M_r11p1	RegCM4-7_v0	NCC-NorESM1-M_r11p1_ICTP-RegCM4-7_v0	NorESM1-M_r11p1_RegCM4-7_v0	1970-2005	2006-2099	N/A	2006-2099	ICTP	ESGF	TBC		
7	AUS-44	EC-EARTH_r121p1	CCLM4-8-17-CLM3	ICHEC-EC-EARTH_r121p1_CLMcom-CCLM4-8-17-CLM3-5_v1	EC-EARTH_r121p1_CCLM4-8-17-CLM3-5_v1	1951-2005	N/A	2006-2100	2006-2100	CLMcom	ESGF	TBC	Variable pr was divided by 24 ( <a href="https://wiki.coast.hzg.de/md">https://wiki.coast.hzg.de/md</a> )	
8	AUS-44	MPi-ESM-LR_r11p1	CCLM4-8-17-CLM3	MPi-M-MPi-ESM-LR_r11p1_CLMcom-CCLM4-8-17-CLM3-5_v1	MPi-ESM-LR_r11p1_CCLM4-8-17-CLM3-5_v1	1951-2005	N/A	2006-2100	2006-2100	CLMcom	ESGF	TBC	Variable pr was divided by 24 ( <a href="https://wiki.coast.hzg.de/md">https://wiki.coast.hzg.de/md</a> )	
9	AUS-44	ACCESS1-0_r11p1	WRF360K_v1			1951-2005	N/A	N/A	N/A	UNSW	ESGF	TBC	No scenario	
10	AUS-44	ACCESS1-3_r11p1	WRF360K_v1			1951-2005	N/A	N/A	N/A	UNSW	ESGF	TBC	No scenario	
11	AUS-22	HudGEM2-ES_r11p1	CCLM5-0-15_v1	MOHC-HudGEM2-ES_r11p1_CLMcom-HZG-CCLM5-0-15_v1	HudGEM2-ES_r11p1_CCLM5-0-15_v1	1950-2005	2006-2098	N/A	2006-2099	CLMcom-HZ(ESGF)	ESGF	TBC		
12	AUS-22	MPi-ESM-LR_r11p1	CCLM5-0-15_v1	MPi-M-MPi-ESM-LR_r11p1_CLMcom-HZG-CCLM5-0-15_v1	MPi-ESM-LR_r11p1_CCLM5-0-15_v1	1949-2005	2006-2100	N/A	2006-2100	CLMcom-HZ(ESGF)	ESGF	TBC		
13	AUS-22	NorESM1-M_r11p1	CCLM5-0-15_v1	NCC-NorESM1-M_r11p1_CLMcom-HZG-CCLM5-0-15_v1	NorESM1-M_r11p1_CCLM5-0-15_v1	1950-2005	2006-2100	N/A	2006-2100	CLMcom-HZ(ESGF)	ESGF	TBC		
14	AUS-44	CanESM2_r11p1	WRF360K_v1	CCCma-CanESM2_r11p1_UNSW-WRF360K_v1	CanESM2_r11p1_WRF360K_v1	1950-2005	N/A	2006-2100	2006-2100	UNSW	ESGF	TBC	Non-monotonic longitude corrected	
15	AUS-44	ACCESS1-3_r11p1	WRF360K_v1	CSIRO-BOM-ACCESS1-3_r11p1_UNSW-WRF360K_v1	ACCESS1-3_r11p1_WRF360K_v1	1950-2005	N/A	2006-2100	2006-2100	UNSW	ESGF	TBC	Non-monotonic longitude corrected	
16	AUS-44	ACCESS1-0_r11p1	WRF360K_v1	CSIRO-BOM-ACCESS1-0_r11p1_UNSW-WRF360K_v1	ACCESS1-0_r11p1_WRF360K_v1	1950-2005	N/A	2006-2100	2006-2100	UNSW	ESGF	TBC	Non-monotonic longitude corrected	
17	AUS-44	ACCESS1-0_r11p1	WRF360K_v1	CSIRO-BOM-ACCESS1-0_r11p1_UNSW-WRF360K_v1	ACCESS1-0_r11p1_WRF360K_v1	1950-2005	N/A	2006-2100	2006-2100	UNSW	ESGF	TBC	Non-monotonic longitude corrected	
18	AUS-44	ACCESS1-0_r11p1	CCAM-2008_v1	CSIRO-BOM-ACCESS1-0_r11p1_CSIRO-CCAM-2008_v1	ACCESS1-0_r11p1_CCAM-2008_v1	1960-2005	N/A	2006-2099	2006-2099	CSIRO	ESGF	TBC	Non-monotonic longitude corrected	
19	AUS-44	CanESM2_r11p1	CCAM-2008_v1	CCCma-CanESM2_r11p1_CSIRO-CCAM-2008_v1	CanESM2_r11p1_CCAM-2008_v1	1960-2005	N/A	2006-2099	2006-2099	CSIRO	ESGF	TBC		
20	AUS-44	MIROC5_r11p1	CCAM-2008_v1	MIROC-MIROCS_r11p1_CSIRO-CCAM-2008_v1	MIROC5_r11p1_CCAM-2008_v1	1960-2005	N/A	2006-2099	2006-2099	CSIRO	ESGF	TBC		
21	AUS-44	NorESM1-M_r11p1	CCAM-2008_v1	NCC-NorESM1-M_r11p1_CSIRO-CCAM-2008_v1	NorESM1-M_r11p1_CCAM-2008_v1	1960-2005	N/A	2006-2099	2006-2099	CSIRO	ESGF	TBC		
22	AUS-44	GFDL-ESM2M_r11p1	CCAM-2008_v1	NOAA-GFDL-GFDL-ESM2M_r11p1_CSIRO-CCAM-2008_v1	GFDL-GFDL-ESM2M_r11p1_CCAM-2008_v1	1960-2005	N/A	2006-2099	2006-2099	CSIRO	ESGF	TBC		



10: Antarctica (ANT): <https://cordex.org/domains/region-10-antarctica/>  
(\*) Details on registered RCMs at [https://github.com/IS-ENES-Data/cordex/blob/master/CORDEX\\_register.xlsx](https://github.com/IS-ENES-Data/cordex/blob/master/CORDEX_register.xlsx); see also [http://is-enes-data.github.io/CORDEX\\_RCMs\\_info.html](http://is-enes-data.github.io/CORDEX_RCMs_info.html)  
Based on the CORDEX inventory by Dec-2020, <https://cordex.org/data-access/regional-climate-change-simulations-for-cordex-domains/>

#	Domain	GCM_run	RCM	Interactive Atlas labels	Short labels	Historical	RCP2.6	RCP4.5	RCP8.5	Institution	Access	Reference	Comment
1	ANT-44	EC-EARTH_r3i1p1	HIRHAM5_v1	ICHEC-EC-EARTH_r3i1p1_DMI-HIRHAM5_v1	EC-EARTH_r3i1p1_HIRHAM5_v1	1951-2005	N/A	2006-2100	2006-2100	DMI	ESGF	TBC	
2	ANT-44	EC-EARTH_r1i1p1	RACMO21P_v1	ICHEC-EC-EARTH_r1i1p1_KNMI-RACMO21P	EC-EARTH_r1i1p1_RACMO21P_v1	1950-2005	N/A	2006-2100	2006-2100	KNMI	ESGF	TBC	
3	ANT-44	HadGEM2-ES_r1i1p1	RACMO21P_v2	MOHC-HadGEM2-ES_r1i1p1_KNMI-RACMO	HadGEM2-ES_r1i1p1_RACMO21P_v1	1950-2005	2006-2100	2006-2100	2006-2100	KNMI	ESGF	TBC	
4	ANT-44	ACCESS1-3_r1i1p1	MAR311_v1	CSIRO-BOM-ACCESS1-3_r1i1p1_Ulg-MAR3	ACCESS1-3_r1i1p1_MAR311_v1	1980-2005	N/A	N/A	2006-2100	Ulg	ESGF	DOI:10.5194/tc-Antarctica 35 km stereosouth projection	
5	ANT-44	NorESM1-M_r1i1p1	MAR311_v1	NCC-NorESM1-M_r1i1p1_Ulg-MAR311_v1	NorESM1-M_r1i1p1_MAR311_v1	1980-2005	N/A	N/A	2006-2100	Ulg	ESGF	DOI:10.5194/tc-Antarctica 35 km stereosouth projection	
*	ANT-44i	ACCESS1-0_r1i1p1	CCAM-2008_v1			1950-2005	N/A	2006-2100	2006-2100	CSIRO	ESGF	TBC	Discarded due to an error in the sea-ice
*	ANT-44i	CanESM2_r1i1p1	CCAM-2008_v1			1950-2005	N/A	2006-2100	2006-2100	CSIRO	ESGF	TBC	Discarded due to an error in the sea-ice
*	ANT-44i	GFDL-ESM2M_r1i1p1	CCAM-2008_v1			1950-2005	N/A	2006-2100	2006-2100	CSIRO	ESGF	TBC	Discarded due to an error in the sea-ice
*	ANT-44i	MIROC5_r1i1p1	CCAM-2008_v1			1950-2005	N/A	2006-2100	2006-2100	CSIRO	ESGF	TBC	Discarded due to an error in the sea-ice
*	ANT-44i	NorESM1-M_r1i1p1	CCAM-2008_v1			1950-2005	N/A	2006-2100	2006-2100	CSIRO	ESGF	TBC	Discarded due to an error in the sea-ice

**11: Arctic (ARC):** <https://cordex.org/domains/region-11-arctic/>

(\*) Details on registered RCMs at [https://github.com/IS-ENES-Data/cordex/blob/master/CORDEX\\_register.xlsx](https://github.com/IS-ENES-Data/cordex/blob/master/CORDEX_register.xlsx); see also [http://is-enes-data.github.io/CORDEX\\_RCMs\\_info.html](http://is-enes-data.github.io/CORDEX_RCMs_info.html)

Based on the CORDEX inventory by Dec-2020, <https://cordex.org/data-access/regional-climate-change-simulations-for-cordex-domains/>

(1) Major corrections applied to ESGF data before publication in the C3S-CDS

#	Domain	GCM_run	RCM	Interactive Atlas labels	Short labels	Historical	RCP2.6	RCP4.5	RCP8.5	Institution	Access	Reference	Comment	C3S Fixes (1)
1	ARC-44	EC-EARTH_r3i1p1	HIRHAM5_v1	ICHEC-EC-EARTH_r3i1p1_DMH-HIRHAM5_v1	EC-EARTH_r3i1p1_HIRHAM5_v1	1951-2005	N/A	2006-2100	2006-2100	DMH	ESGF	TBC	"W" discarded (very lar	Included missing projection in fixed variables
2	ARC-44	MPI-ESM-LR_r1i1p1	RRCM_v1	MPI-M-MPI-ESM-LR_r1i1p1_MGO-RRCM_v1	MPI-ESM-LR_r1i1p1_RRCM_v1	1951-2005	N/A	N/A	2006-2100	MGO	ESGF	TBC		
3	ARC-44	CanESM2_r1i1p1	RCA4_v1	CCCma-CanESM2_r1i1p1_SMHI-RCA4_v1	CanESM2_r1i1p1_RCA4_v1	1951-2005	N/A	2006-2100	2006-2100	SMHI	ESGF	TBC		
4	ARC-44	EC-EARTH_r12i1p1	RCA4-SN_v1	ICHEC-EC-EARTH_r12i1p1_SMHI-RCA4-SN_v1	EC-EARTH_r12i1p1_RCA4-SN_v1	1951-2005	N/A	N/A	2006-2100	SMHI	ESGF	TBC		
5	ARC-44	EC-EARTH_r12i1p1	RCA4_v1	ICHEC-EC-EARTH_r12i1p1_SMHI-RCA4_v1	EC-EARTH_r12i1p1_RCA4_v1	1951-2005	2006-2100	2006-2100	2006-2100	SMHI	ESGF	TBC		
6	ARC-44	MPI-ESM-LR_r1i1p1	RCA4-SN_v1	MPI-M-MPI-ESM-LR_r1i1p1_SMHI-RCA4-SN_v1	MPI-ESM-LR_r1i1p1_RCA4-SN_v1	1951-2005	N/A	N/A	2006-2100	SMHI	ESGF	TBC		
7	ARC-44	MPI-ESM-LR_r1i1p1	RCA4_v1	MPI-M-MPI-ESM-LR_r1i1p1_SMHI-RCA4_v1	MPI-ESM-LR_r1i1p1_RCA4_v1	1951-2005	N/A	2006-2100	2006-2100	SMHI	ESGF	TBC	"TNn" discarded (outlie	
8	ARC-44	NorESM1-M_r1i1p1	RCA4_v1	NCC-NorESM1-M_r1i1p1_SMHI-RCA4_v1	NorESM1-M_r1i1p1_RCA4_v1	1951-2005	N/A	2006-2100	2006-2100	SMHI	ESGF	TBC		
9	ARC-22/44	CanESM2_r1i1p1	CanRCM4_r2	CCCma-CanESM2_r1i1p1_CCCma-CanRCM4_r2	CanESM2_r1i1p1_CanRCM4_r2	1950-2005	N/A	2006-2100	2006-2100	CCCma	ESGF	DOI:10.1175/JCLI-D-15-0161.1		
10	ARC-44	CanESM2_r1i1p1	CRCM5_v1	CCCma-CanESM2_r1i1p1_UQAM-CRCM5_v1	CanESM2_r1i1p1_CRCM5_v1	1950-2005	N/A	N/A	2006-2100	UQAM	ESGF	DOI:10.1007/s00382-017-3912-6		
11	ARC-44	MPI-ESM-MR_r1i1p1	CRCM5_v1	MPI-M-MPI-ESM-MR_r1i1p1_UQAM-CRCM5_v1	MPI-ESM-MR_r1i1p1_CRCM5_v1	1949-2005	N/A	N/A	2006-2100	UQAM	ESGF	DOI:10.1007/s00382-017-3912-6		

12: Mediterranean (MED): <https://codelv.org/domains/region-12-mediterranean/>

Availability: "Med CORDEX" when it can be found in the Med CORDEX open database managed at ENEA and "Local Provider" when it should be asked to the contact point.

Med CORDEX database: <https://www.medcordex.eu/8290/medcordex/catalog/MEDCORDEX/catalog.html>

Only atmosphere-ocean couple regional models are included in this inventory.

#	Domain	GCM_run	RCM	Interactive Atlas labels	Short labels	Historical	RCP2.6	RC4.5	RC6.5	Institution	Access	Reference	Comment
1	MED-44	IPSL-CM5A-MR_r11sp1	LMD-LMDZANEMOMEDR_v1	IPSL-CM5A-MR_r11sp1_LMD-LMDZANEMOMEDR_v1	IPSL-CM5A-MR_r11sp1_LMDZANEMOMEDR_v1	1970-2005	N/A	2006-2100	2006-2100	LMD	Med-CORDEX DOI:10.1007	Coupled ocean-atmosphere.	
2	MED-44	IPSL-CM5A-MR_r11sp1	LMD-LMDZANEMOMEDR_v2	IPSL-CM5A-MR_r11sp1_LMD-LMDZANEMOMEDR_v2	IPSL-CM5A-MR_r11sp1_LMDZANEMOMEDR_v2	1970-2006	N/A	N/A	2006-2101	LMD	Local Provider DOI:10.1007	Coupled ocean-atmosphere.	
3	MED-44	CNRM-CM5_r11sp1	LMD-LMDZANEMOMEDR_v2	CNRM-CM5_r11sp1_LMD-LMDZANEMOMEDR_v2	CNRM-CM5_r11sp1_LMDZANEMOMEDR_v2	1970-2007	N/A	N/A	2006-2102	LMD	Local Provider DOI:10.1007	Coupled ocean-atmosphere. Warning: Problems with CNRM-CM5_r11sp1 6h forcing - <a href="https://www.umr-cnrm.fr/umip6/pip.php">https://www.umr-cnrm.fr/umip6/pip.php</a>	
4	MED-44	MPi-ESM-MR_r11sp1	LMD-LMDZANEMOMEDR_v2	MPi-ESM-MR_r11sp1_LMD-LMDZANEMOMEDR_v2	MPi-ESM-MR_r11sp1_LMDZANEMOMEDR_v2	1970-2008	N/A	N/A	2006-2103	LMD	Local Provider DOI:10.1007	Coupled ocean-atmosphere.	
5	MED-22	MPi-ESM-LR_r11sp1	GERICS-AWI-ROM	MPi-ESM-LR_r11sp1_GERICS-AWI-ROM42_v1	MPi-ESM-LR_r11sp1_ROM42_v1	1970-2009	N/A	2006-2104	2006-2104	GERICS-AWI	Local Provider TBC	Coupled ocean-atmosphere.	
6	MED-44	MPi-ESM-LR_r11sp1	GERICS-AWI-ROM	MPi-ESM-LR_r11sp1_GERICS-AWI-ROM44_v1	MPi-ESM-LR_r11sp1_ROM44_v1	1970-2010	N/A	N/A	2006-2105	GERICS-AWI	Local Provider TBC	Coupled ocean-atmosphere.	
7	MED-11	EC-EARTH_r121sp1	GUF-CCLMS-0-9-NEMOMED12-1EC-EARTH_r121sp1_GUMcon-GUF-CCLMS-0-9-NEMOMED12-3-6_v EC-EARTH_r121sp1_CCLMS-0-9-NEMOMED12-3-6_v1			1970-2011	N/A	N/A	2006-2106	GUF	Local Provider TBC	Coupled ocean-atmosphere.	
8	MED-44	CNRM-CM5_r11sp1	CNRM-RCM4_v1	CNRM-CM5_81sp1_CNRM-RCM4_v1	CNRM-CM5_81sp1_RCMM_v1	1970-2012	2006-2100	2006-2100	2006-2107	CNRM	Med-CORDEX DOI:10.1007	Coupled ocean-atmosphere. Warning: Problems with CNRM-CM5_r11sp1 6h forcing - <a href="https://www.umr-cnrm.fr/umip6/pip.php">https://www.umr-cnrm.fr/umip6/pip.php</a>	
9	MED-44	MPi-ESM-LR_r11sp1	UBELGRADE_EBU	MPi-ESM-LR_r11sp1_UBELGRADE_EBUPOMD2_v1	MPi-ESM-LR_r11sp1_EBUPOMD2_v1	1970-2013	N/A	N/A	2006-2108	UBELGRADE	Med-CORDEX DOI:10.1007	Coupled ocean-atmosphere.	
10	MED-11	CMCC-CM_r11sp1	CMCC-CCLM4-21-NEMOMF3_v1	CMCC-CM_r11sp1_CMCC-CCLM4-21-NEMOMF3_v1	CMCC-CM_r11sp1_CCLM4-21-NEMOMF3_v1	1970-2014	N/A	2006-2100	2006-2109	CMCC	Local Provider TBC	Coupled ocean-atmosphere.	

14 South-East Asia (SEA) <https://vortex.org/datasets/region-14-south-east-asia-sea/>  
[\*] Details on registered RCN, at [https://github.com/CS-ENSES/SeaVortexWebMaster/CORDEX\\_register.xlsx](https://github.com/CS-ENSES/SeaVortexWebMaster/CORDEX_register.xlsx); see also [http://vires-data.github.io/CORDEX\\_RCNA\\_info.html](http://vires-data.github.io/CORDEX_RCNA_info.html)  
Based on the CORDEX inventory by Dec-2020, <https://vortex.org/data-access/regional-climate-change-simulations-for-cordex-domains/>  
[1] Minor corrections, applied to ESGF data before publication in the CS5 CS5

#	Domain	GCM_run	RCN	Interactive Atlas labels	Short labels	Historical	RCPL6	RCPL5	RCPL5	Institution	Access	Reference	Comment	CS5 Files [1]
1	SEA-22	HadISST-E5_151p1	REMO2021_v1	MOHC-HadISST-E5_151p1_GERICS-REMO2021_v1	HadISST-E5_151p1_REMO2021_v1	1870-2005	2006-2009	N/A	2006-2009	GERICS	ESGF			
2	SEA-22	MP-E13M-LR_151p1	REMO2021_v1	MP-EA-MP-E13M-LR_151p1_GERICS-REMO2021_v1	MP-E13M-LR_151p1_REMO2021_v1	1870-2005	2006-2100	N/A	2006-2100	GERICS	ESGF			
3	SEA-22	NC-NUSTSM-M_151p1	REMO2021_v1	NC-NUSTSM-M_151p1_GERICS-REMO2021_v1	NUSTSM-M_151p1_REMO2021_v1	1870-2005	2006-2100	N/A	2006-2100	GERICS	ESGF			
4	SEA-22	EC-EARTH_151p1	RegCM4-3_v4	EC-EARTH_151p1_RU-CORE-RegCM4-3_v4	EC-EARTH_151p1_RegCM4-3_v4	1870-2005	N/A	2006-2100	2006-2100	RU-CORE	ESGF		DOI:10.1007/978-94-007-0323-1	
5	SEA-22	IPSL-CM5A-LR_151p1	RegCM4-3_v4	IPSL-IPSL-CM5A-LR_151p1_RU-CORE-RegCM4-3_v4	IPSL-CM5A-LR_151p1_RegCM4-3_v4	1870-2005	N/A	2006-2100	2006-2100	RU-CORE	ESGF		in ESGF the model i Files concatenated from monthly temporal coverage to 5-yearly. Negative time steps corrected. Data for some time steps is set equal to Fillvalue since all values are equal to 0	
6	SEA-22	MP-E13M-MR_151p1	RegCM4-3_v4	MP-EA-MP-E13M-MR_151p1_RU-CORE-RegCM4-3_v4	MP-E13M-MR_151p1_RegCM4-3_v4	1870-2005	N/A	2006-2100	2006-2100	RU-CORE	ESGF		in ESGF the model i Files concatenated from monthly temporal coverage to 5-yearly. Negative time steps corrected. Data for some time steps is set equal to Fillvalue since all values are equal to 0	
7	SEA-22	GISS-ESM2G_151p1	RegCM4-3_v4	GISS-ESM2G_151p1_RU-CORE-RegCM4-3_v4	GISS-ESM2G_151p1_RegCM4-3_v4	1870-2005	N/A	2006-2099	2006-2099	RU-CORE	ESGF		Variable too is not a File concatenated from monthly temporal coverage to 5-yearly. Data for some time steps is set equal to Fillvalue since all values are equal to 0	
8	SEA-22	CHRM-CM5_151p1	RegCM4-3_v4	CHRM-CM5_151p1_RU-CORE-RegCM4-3_v4	CHRM-CM5_151p1_RegCM4-3_v4	1870-2005	N/A	2006-2099	2006-2099	RU-CORE	ESGF		DOI:10.1007/978-94-007-0323-1	
9	SEA-22	HadISST-MR_151p1	RegCM4-3_v4	MOHC-HadISST-E5_151p1_RU-CORE-RegCM4-3_v4	HadISST-E5_151p1_RegCM4-3_v4	1870-2005	N/A	2006-2099	2006-2099	RU-CORE	ESGF		DOI:10.1007/978-94-007-0323-1	
10	SEA-22	MP-E13M-MR_151p1	RegCM4-3_v4	MP-EA-MP-E13M-MR_151p1_CTP-RegCM4-3_v4	MP-E13M-MR_151p1_RegCM4-3_v4	1870-2005	2006-2099	N/A	2006-2099	ICTP	ESGF			
11	SEA-22	NC-NUSTSM-M_151p1	RegCM4-3_v4	NC-NUSTSM-M_151p1_CTP-RegCM4-3_v4	NUSTSM-M_151p1_RegCM4-3_v4	1870-2005	2006-2099	N/A	2006-2099	ICTP	ESGF			