

Supplementary material to "Calibrated EMOS: applications to temperature and wind speed forecasting"

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The CMIP6 models used in the real study of the paper "Calibrated EMOS: applications to temperature and wind speed forecasting" by Gaetan et al. are given in the following Table. Details on the model configuration can be found in the associated references. This table stems from the consultation of different sources such as [9, 10, 12, 14, 30] and consultation of the website <https://www.wdc-climate.de/>.

2 *Calibrated EMOS***Table 1** Information regarding the CMIP6 models used in this study. Name, Institution and Country, atmospheric resolution, where Lon (Lat) meaning longitude (latitude), and References.

Model	Institution and Country	Atmospheric Resolution (Lon×Lat)	Reference
ACCESS-CM2	CSIRO (Commonwealth Scientific and Industrial Research Organisation) and ARCCSS (Australian Research Council Centre of Excellence for Climate System Science), Australia	192×144	[1]
ACCESS-ESM1-5		192×145	[32]
AWI.CM.1.1.MR	AWI (Alfred Wegener Institute Climate Model), Germany	384 × 192	[19, 21]
AWI.CM.1.1.LR		192 × 96	[20, 21]
BCC-ESM1	BCC (Beijing Climate Center, China Meteorological Administration), China	128×64	[31]
CanESM5	CCCMA (Canadian Centre for Climate Modelling and Analysis), Canada	128×64	[22]
CMCC.ESM2	CMCC (Fondazione Centro Euro-Mediterraneo sui Cambiamenti Climatici), Italy	288×192	[11]
CNRM-CM6-1	CNRM (Centre National de Recherches Meteorologiques), Meteo-France, France	256×128	[26]
CNRM-CM6-1-HR		720×360	[25]
CNRM-ESM2-1		256×128	[18]
EC.Earth3.AerChem	EC-Earth-Consortium, 27 partners in 10 European countries	512×256	[5, 24]
EC.Earth3.CC		512×256	[5]
FGOALS-f3-L	CAS (Chines Academy of Sciences), China	288×180	[8]
FGOALS-g3		180×80	[17]
GFDL-ESM4	GFDL (Geophysical Fluid Dynamics Laboratory), NOAA (National Oceanic and Atmospheric Administration), USA	288×180	[6]
INM-CM4-8	INM (Institute for Numerical Mathematics), Russia	180×120	[28]
INM-CM5-0		180×120	[27]
IPSL-CM6A-LR	IPSL (Institut Pierre-Simon Laplace), France	144×143	[2]
KACE-1-0-G	NIMS (National Institute of Meteorological Science), KMA (Korea Meteorological Administration), Korea	192×144	[3]
KIOST.ESM	KIOST (Korea Institute of Ocean Science & Technology), National Research Foundation of Korea, Korea	192×96	[16]
MIROC6	JAMSTEC (Japan Agency for Marine-Earth Science and Technology), AORI (Atmosphere and Ocean Research Institute), NIES (National Institute for Environmental Studies), and R-CCS (RIKEN Center for Computational Science), Japan	256×128	[23]
MIROC-ES2L		128×64	[7]
MPI-ESM1-2-HR	MPI (Max Planck Institute for Meteorology), Germany	384×192	[15]
MPI-ESM1-2-LR		192×96	[13]
MRI-ESM2-0	MRI (Meteorological Research Institute), Japan	320×160	[29]
NESM3	NUIST (Nanjing University of Information Science and Technology), China	192×96	[4]

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