

PMIP4		CMIP/ PMIP	Reference	Atmosphere resolution					Ocean resolution					
Model name	Institution			Lon	Lat	Level	lon x lat x lev	Top level	Lon	Lat	Level	lon x lat x lev	Top grid cell	ref. link
AWI-ESM-1-1-LR	Alfred Wegener Institute (AWI), Germany	CMIP6/ PMIP4	Sidorenko et al. (2015) & Rackow et al. (2018)	192	96	47	192x96x 47	80 km	126859 wet nodes		46	126859 wet nodes x 46	0-5m	https://link.springer.com/article/10.1007/s00382-014-2290-6 https://link.springer.com/article/10.1007/s00382-016-3192-6
CESM2	National Center for Atmospheric Research (NCAR), USA	CMIP6/ PMIP4	Danabasoglu et al. (2019)	288	192	32	288x192 x32	2.25 mb	320	384	60	320x384x 60		https://agupubs.onlinelibrary.wiley.com/doi/toc/10.1002/(ISSN)1942-2466.CESM2
FGOALS-f3-L	Chinese Academy of Sciences (CAS), Beijing	CMIP6/ PMIP4	He et al. (2019)	288	180	32	288x180 x32	2.16 hPa	360	218	30	360x218x 30	0-10m	https://link.springer.com/content/pdf/10.1007%2Fs00376-019-9027-8.pdf
FGOALS-g3	Chinese Academy of Sciences (CAS), Beijing	CMIP6/ PMIP4		180	80	26	180x80x 26	2.19 hPa	360	218	30	360x218x 30	0-10m	
GISS-E2-1-G	Goddard Institute for Space Studies (GISS), USA	CMIP6/ PMIP4		144	90	40	144x90x 40	0.1 hPa	360	180	40	360x180x 40	0-10m	
HadGEM3-GC31	Met. Office, UK	CMIP6/ PMIP4		192	144	85	192x144 x85	85 km	360	330	75	360x330x 75	0-1m	
INM-CM4-8	Institute of Numerical Mathematics of the Russian Academy of Sciences, Russia	CMIP6/ PMIP4	Volodin et al. (2018)	180	120	21	180x120 x21	sigma = 0.01	360	318	40	360x318x 40		https://www.researchgate.net/publication/329748540_Simulation_of_the_modern_climate_using_the_INM-CM48_climate_model

IPSL-CM6A-LR	Institut Pierre Simon Laplace (IPSL), France	CMIP6/ PMIP4	Mignot et al, (2019, in prep)	144	143	79	144x143 x79	40 km	362	332	75	32x332x7 5	0-2m	
MIROC-ES2L	Japan Agency for Marine-Earth Science and Technology, Atmosphere and Ocean Research Institute (The University of Tokyo), and National Institute for Environmental Studies	CMIP6/ PMIP4	Hajima et al. (2019)	128	64	40	128x64x 40	3 hPa	360	256	63	360x256x 63	0-2m	https://www.geosci-model-dev-discuss.net/gmd-2019-275/
MRI-ESM2-0	Meteorological Research Institute (MRI), Japan	CMIP6/ PMIP4	Yukimoto et al. (2019)	320	160	80	320x160 x80	0.01 hPa	360	364	61	360x364x 61	0-2m	https://doi.org/10.2151/jmsi.2019-051
NESM	Nanjing University of Information Science and Technology, China	CMIP6/ PMIP4	Cao et al. (2018)	192	96	47	192x96x 47	1 Pa	384	362	46	384x362x 46	0-6m	https://www.geosci-model-dev.net/11/2975/2018/
NorESM1-F	Bjerknes Centre for Climate Research, Norway	CMIP6/ PMIP4	Guo et al. (2019)	144	96	32	144x96x 32	3 mb	360	384	70	360x384x 70	0-2.5m	https://www.geosci-model-dev.net/12/343/2019/
UofT-CCSM-4	University of Toronto	CMIP6/ PMIP4	Chandan and Peltier (2017)	288	192	26	288x192 x26	2 hPa	384	320	60	384x320x60	0-10m	https://www.clim-past.net/13/919/2017/