

Model name	Horizontal resolution (long \times lat)	Vertical resolution (no. of levels)	Time resolution (h)	Modelling centre	Reference
BCC-CSM1.1	2.8125 $^{\circ}$ \times 2.8125 $^{\circ}$ (128 \times 64)	26 hybrid pressure	6 hourly	Beijing Climate Center (BCC), China Meteorol. Administration	Wu et al. (2014)
CCSM4	1.25 $^{\circ}$ \times 0.95 $^{\circ}$ (288 \times 192)	26 hybrid pressure	6 hourly	National Center for Atmospheric Research (NCAR)	Gent et al. (2011)
GFDL-CM3	2.5 $^{\circ}$ \times 2 $^{\circ}$ (144 \times 90)	48 hybrid pressure	6 hourly	NOAA Geophysical Fluid Dynam- ics Lab (NOAA GFDL)	Griffies et al. (2011)
HadGEM2-A	1.875 $^{\circ}$ \times 1.25 $^{\circ}$ (192 \times 145)	38 hybrid height	6 hourly	Met Office Hadley Centre (MOHC)	The HadGEM2 Develop- ment Team (2011)
NorESM1-M	2.5 $^{\circ}$ \times 1.895 $^{\circ}$ (144 \times 96)	26 hybrid pressure	6 hourly	Norwegian Climate Centre (NCC)	Bentsen et al. (2013)