

CCMI models	Model resolution	QBO	Solar variability	SSTs
GEOS-CCM	$2.5^\circ \times 2^\circ$, L72 (top: 0.01 hPa)	Internally generated	Yes	Prescribed (CESM1)
CNRM-CCM	T42L60 (top: 0.07 hPa)	Internally generated	Yes	Prescribed (CNRM)
NIWA-UKCA	$3.75^\circ \times 2.5^\circ$, L60 (top: 84 km)	Internally generated	No	Coupled to ocean model
CCSRNIES-MIROC 3.2	T42L34 (top: 0.012 hPa)	Nudged	Yes	Prescribed (MIROC 3.2)
IPSL-LMDZ-REPROBUS	$3.75^\circ \times 2.5^\circ$, L39 (top: 70 km)	Nudged	Yes	Prescribed (SRES A1b IPSL)
ACCESS CCM	$3.75^\circ \times 2.5^\circ$, L60 (top: 84 km)	Internally generated	No	Prescribed (HadGEM2-ES)
HadGEM3-ES	$1.875^\circ \times 1.25^\circ$, L85 (top: 85 km)	Internally generated	Yes	Coupled to ocean model
SOCOL3	T42L39 (top: 0.01 hPa)	Nudged	Yes	Prescribed (CESM1(CAM5))
MRI-ESM1r1	TL159L80 (top: 0.01 hPa)	Internally generated	Yes	Coupled to ocean model
EMAC-L47	T42L47 (top: 0.01 hPa)	Nudged	Yes	Prescribed (HadGEM2-ES)
EMAC-L90	T42L90 (top: 0.01 hPa)	Internally generated (slightly nudged)	Yes	Prescribed (HadGEM2-ES)
CMAM	T47L71 (top: 0.0575 hPa)	No	No	Prescribed (CanCM4)