

Model	Model Expansion	Center	Type	Atmospheric horizontal resolution (lon x lat)	Reference
ACCESS1.0	Australian Community Climate and Earth-System Simulator, version 1.0	CSIRO (Commonwealth Scientific and Industrial Research Organization, Australia)/Bureau of Meteorology, Australia	AO	1.875 x 1.25	Bi et al., 2012
CanESM2	Second Generation Canadian Earth System Model	Canadian Centre for Climate Modeling and Analysis, Canada	ESM	2.8 x 2.8	Arora <i>et al.</i> 2011
CCSM4	Community Climate System Model version 4	National Center for Atmospheric Research (NCAR), United States	AO	2.8 x 2.8	Gent <i>et al.</i> 2011
CESM1-BGC	Community Earth System Model, version 1 Biogeochemistry	Community Earth System Model Contributors [National Science Foundation (NSF), DOE, and NCAR]	AO	1.4 x 1.4	Long <i>et al.</i> 2013
CMCC-CM	Centro Euro-Mediterraneo sui Cambiamenti Climatici Climate Model	Centro Euro-Mediterraneo sui Cambiamenti Climatici	AO	2.0 x 2.0	Scoccimarro <i>et al.</i> 2011
CNRM.CM5	Centre National de Recherches Météorologiques Coupled Global Climate Model, version 5	Centre National de Recherches Météorologiques-Groupe d'études de l'Atmosphère Météorologique and Cerfacs (Centre Européen de Recherche et de Formation Avancée)	AO	1.8 x 1.8	Voldoire <i>et al.</i> 2012
GFDL-CM3	Geophysical Fluid Dynamics Laboratory Climate Model, version 3	NOAA/Geophysical Fluid Dynamics Laboratory, United States	AO	2.5 x 2.5	Donner <i>et al.</i> 2011
HadGEM2-CC	Hadley Centre Global Environmental Model, version 2- Carbon Cycle	Met Office Hadley Centre, United Kingdom	ESM	1.875 x 1.25	Collins <i>et al.</i> 2011
HadGEM2-ES	Hadley Centre Global Environmental Model, version 2-Earth System	Met Office Hadley Centre, United Kingdom	ChemESM	1.875 x 1.25	Collins <i>et al.</i> 2011
MIROC5	Model for Interdisciplinary Research on Climate, version 5	Atmospheric and Ocean Research Institute (The University of Tokyo), National Institute for Environmental Studies and Japan Agency for Marine-Earth Science and Technology, Japan	AO	1.4 x 1.4	Watanabe <i>et al.</i> 2010