Table

Table R1. Model names, institution and horizontal resolution for 10 CMIP5 models (M1–M10) used in the paper.

	Model	Institution	Horizontal resolution
M1	BNU-ESM	College of Global Change and Earth System Science, Beijing Normal University(China)	2.81° × 2.81°
M2	CCSM4	NCAR (National Center for Atmospheric Research) Boulder(USA)	1.25°× 0.94°
M3	CNRM-CM5	Centre National de Recherches Meteorologiques / Centre Europeen de Recherche et Formation Avancees en Calcul Scientifique(France)	1.41° × 1.41°
M4	BCC-CSM1-1	Beijing Climate Center, China Meteorological Administration(China)	2.81° × 2.81°
M5	FGOALS-g2	LASG, Institute of Atmospheric Physics, Chinese Academy of Sciences; and CESS, Tsinghua University(China)	2.81° × 3.05°
M6	GFDL-ESM2M	Geophysical Fluid Dynamics Laboratory(USA)	2.5° × 2.0°
M7	GISS-E2-H	NASA Goddard Institute for Space Studies(USA)	2.5° × 2.0°
M8	MIROC4h	Atmosphere and Ocean Research Institute (The University of Tokyo), National Institute for Environmental Studies, and Japan Agency for Marine-Earth Science and Technology(Japan)	0. 56° × 0.56°
M9	MIROC-ESM-CHEM	Atmosphere and Ocean Research Institute (The University of Tokyo), National Institute for Environmental Studies, and Japan Agency for Marine-Earth Science and Technology(Japan)	2.81° × 2.79°
M10	inmcm4	Institute for Numerical Mathematics(Russia)	2.0° × 1.5°