

Supplementary Table 1. Summary of CMIP data used in the analysis

Data availability : y(es), n(o)

[illegible]

ACCESS1-0	CSIRO (Commonwealth Scientific and Industrial Research Organisation, Australia), and BOM (Bureau of Meteorology, Australia)	y	y	y	y						
ACCESS1-3		y	y	y	y						
CNRM-CM5	CNRM (Centre National de Recherches Meteorologiques, Meteo-France) and CERFACS (Centre Europeen de Recherches et de Formation Avancee en Calcul Scientifique)	y	y	y	y						
CNRM-CM5-2		y	y	y	y						
CSIRO-Mk3-6-0	Australian Commonwealth Scientific and Industrial Research Organization (CSIRO) Marine and Atmospheric Research (Melbourne, Australia) in collaboration with the Queensland Climate Change Centre of Excellence (QCCCE) (Brisbane, Australia)	y	y	y	y						
CanESM2	Canadian Centre for Climate Modelling and Analysis, Environment and Climate Change Canada	y	y	y	y						
FGOALS-s2	IAP (Institute of Atmospheric Physics), CAS (Chinese Academy of Sciences), Beijing, China	y	y	y	y						
GISS-E2-H	Goddard Institute for Space Studies	y	y	y	y						
HadGEM2-ES	Met Office Hadley Centre	y	y	y	y						
INMCM4	Institute for Numerical Mathematics, Russian Academy of Science	y	y	y	y						
IPSL-CM5A-LR		y	y	y	y						
IPSL-CM5A-MR	Institut Pierre Simon Laplace	y	y	y	y						
IPSL-CM5B-LR		y	y	y	y						

MIROC-ESM	JAMSTEC (Japan Agency for Marine-Earth Science and Technology), AORI (Atmosphere and Ocean Research Institute, The University of Tokyo), and NIES (National Institute for Environmental Studies)	y	y	y	y						
MPI-ESM-MR	Max Planck Institute for Meteorology	y	y	y	y						
MPI-ESM-P		y	y	y	y						
MRI-CGCM3	Meteorological Research Institute, Japan	y	y	y	y						
NorESM1-M	Norwegian Climate Centre	y	y	y	y						