

Ocean	Forcings	Integration length	Reference
Coupled ocean	1950 time slice	340 (240)	Li et al. (2016)
Historical SSTs	SST + sea ice	13 × (1980–2009)	Five from Garfinkel et al. (2015), Aquila et al. (2016) + five new
Historical SSTs	SST + sea ice + GHG	3 × (1980–2009)	Aquila et al. (2016)
Historical SSTs	SST + sea ice + GHG + ODS	19 × (1980–2009)	Aquila et al. (2016), Garfinkel et al. (2015) + six new
Historical SSTs	SST + sea ice + GHG + ODS + volcanoes	3 × (1980–2009)	Aquila et al. (2016)
Historical SSTs	SST + sea ice + GHG + ODS + volcanoes + solar	4 × (1980–2009)	Aquila et al. (2016) + CCMI