

Name	Simulated years	Period	Horiz. resolution ocean	Hosing	Reference	
HadCM3 – tcmqw3	200 (★ : 100)	30 ka	$1.25^\circ \times 1.25^\circ$	No	Singarayer and Valdes (2010)	
HadCM3 – tcmob3	200 (★ : 100)	32 ka	$1.25^\circ \times 1.25^\circ$	No		
HadCM3 – tcmqv3	200 (★ : 100)	34 ka	$1.25^\circ \times 1.25^\circ$	No		
HadCM3 – tcmoa3	200 (★ : 100)	36 ka	$1.25^\circ \times 1.25^\circ$	No		
HadCM3 – tcmqu3	200 (★ : 100)	38 ka	$1.25^\circ \times 1.25^\circ$	No		
HadCM3 – tcmqu3	200 (★ : 100)	38 ka	$1.25^\circ \times 1.25^\circ$	No		
HadCM3 – tcmqu3	200 (★ : 100)	40 ka	$1.25^\circ \times 1.25^\circ$	No		
HadCM3 – tcmoe3	200 (★ : 100)	LGM	$1.25^\circ \times 1.25^\circ$	No		
HadCM3 – tcmfa3	200 (★ : 100)	PI	$1.25^\circ \times 1.25^\circ$	No		
HadCM3 – tcoxj+	99 hosed years + 250 non-hosed years	32 ka 32 ka	$1.25^\circ \times 1.25^\circ$	Yes	This study + Singarayer and Valdes (2010)	
HadCM3 – tcoxk+	99 hosed years + 250 non-hosed years	38 ka 32 ka	$1.25^\circ \times 1.25^\circ$	Yes		
CCMS4 PI-1	1000	PI	Bipolar $1^\circ$	No	Gent et al. (2011), Danabasoglu et al. (2012) Kleppin et al. (2015), Born and Stocker (2014) Brady et al. (2013)	
CCMS4 PI-2	1000	PI	Bipolar $1^\circ$	No		
CCMS4 LGM	101	LGM	Bipolar $1^\circ$	No		
Model pool	Simulations					Total simulated years
<i>HadCM3 (main)</i>	tcmqw3, tcmqu3, tcmqu3,	tcmob3, tcmoe3, tcmoe3,	tcmqv3, tcmfa3, tcmfa3	tcmoa3, tcoxj+, tcmoa3,	tcmqu3, tcoxk+ tcmqu3,	2198
HadCM3 nohose	tcmqw3, tcmqu3, tcmqu3,	tcmob3, tcmoe3, tcmoe3,	tcmqv3, tcmfa3	tcmoa3,	tcmqu3,	1520
CCSM4	PI-1,	PI-2,	LGM			2071
HadCM3★	tcmqw3★, tcmqu3★,	tcmob3★, tcmoe3★,	tcmqv3★, tcmfa3★,	tcmoa3★, tcoxj+,	tcmqu3★, tcoxk+	1398