

Table 1. List of Simulations^a

Name	SHW 9degree North	SHW PD	SHW 9degree South	Fresh Water	Salt After 500 Years
A-eq	X				
B-eq	X				
A-ws		X			
B-ws		X			
B-wpd	X				
A-wpd-fs		X	X	X	
B-wn-fs X		X	X		
A-ws-fs		X	X		
B-ws-fs		X	X		
B-wpd-fs		X	X	X	
A-wpd-f	X	X			
B-wn-f X		X			
A-ws-f		X	X		
B-ws-f		X	X		
B-wpd-f	X	X			

^aThe label for each simulation includes a maximum of three parts; the simulation it is derived from (A-eq or B-eq), the location of the SHW ('wn' = 9degree north of present-day location, 'wpd' = present-day location and 'ws' = 9degree south of present-day location), and freshwater forcing in the North Atlantic ('f' for a fresh water flux in the North Atlantic or 'fs' for a fresh and subsequent saline flux). X denotes "yes."

Table 2. Carbon Anomalies (Sensitivity Simulation Minus Parent Equilibrium Simulation) at Completion of the Simulations^a

Simulation	Atmosphere	Ocean	Land	Atlantic	Pacific	Indian
Total	Deep	Shallow				
A-ws	-1.1	5.1	-35.2	40.3	-4.2	-90.8 102.1 -6.2
B-ws	-32.3	126.5	187.1	-60.6	-94.3	-146.6 379.2 -106.1
B-wpd	-18.5	61.4	76.4	-15.0	-43.0	-8.5 114.2 -44.3
A-wpd-fs		35.0	-85.3	-187.7	102.4	49.9 -8.2 -65.5 -11.6

B-wn-fs	21.6	-21.0	-10.2	-10.8	-0.4	-362.7	406.7	-65.0	
A-ws-fs	34.0	-79.5	-219.5	140.0	45.0	-26.4	-53.4	0.3	
B-ws-fs	7.7	25.7	-18.3	44.0	-33.7	-429.5	502.9	-47.7	
B-wpd-fs		5.4	30.9	23.8	7.1	-36.7	-408.9	496.6	-56.8
A-wpd-f	11.6	-57.6	-144.2	86.6	45.7	391.5	-443.7	-5.4	
B-wn-f	0.6	1.7	0.8	0.9	-2.6	-0.8	2.6	-0.1	
A-ws-f	-6.7	13.7	-19.4	33.1	-7.2	263.2	-187.9	-61.6	
B-ws-f	-33.2	126.9	187.4	-60.5	-93.6	-143.4	376.3	-106.0	
B-wpd-f	-19.7	64.1	9.8	-15.75	-44.0	-8.4	117.3	-44.8	

aAll units in Pg C.

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