

OMWG contributions to the Journal of Climate CCSM4 Special Issue

(Updates)



CCSM4: Total proposed papers: 35, Sub. deadline: 1 April

OMWG papers: 2011

1. Ocean model description: Ocean and ocean-ice hindcast skill in CCSM4
Danabasoglu, Bates, Briegleb, Jayne, Jochum, Large, Peacock, Yeager
2. Seasonal-interannual variability in air-sea fluxes and upper-ocean
Bates, Fox-Kemper, Jayne, Large, Stevenson, Yeager
3. (Multi)decadal variability in the North Atlantic in CCSM4
Danabasoglu, Branstator, Hurrell, Kwon, Phillips, Teng, Tribbia, Yeager
4. The Southern Ocean and its climate in CCSM4
Wiejer, Hecht, Hunke, Maltrud, Munoz, Sloyan

OMWG contributions:

1. (General) The Community Climate System Model version4
Gent and relevant WG cochairs (SUBMITTED)
2. (General) The climate sensitivity of the CCSM4
Bitz, Bailey, Danabasoglu, Gent, Kiehl, ...
3. (CCWG) 21st Century climate projections over the North America in CCSM4
Peacock
4. (CVWG) Tropical / subtropical Atlantic climate and variability
Munoz, Hecht, Weijer, Bates, Grodsky, Okumura, ...
5. (CVWG) ENSO and Pacific decadal variability
Deser, Okumura, Alexander, Capotondi, Kwon, Stevenson, Jochum, Neale

OMWG contributions:

6. (CVWG) Changes to ENSO in a warmer model world
Stevenson, Fox-Kemper, Jochum, Neale, Deser, Meehl
7. (CVWG) The MJO in CCSM4
Subramaniam, Jochum, Neale
8. (PCWG) Low resolution CCSM4
Shields, Bailey, Briegleb, Danabasoglu, Jochum, Kiehl, Lawrence, Neale
9. (PCWG) Glacial inception
Jochum, Peacock, Otto-Bliesner
10. (Decadal Prediction) DART initial conditions for forecasts using the CCSM4
Yeager, Anderson, Collins, Danabasoglu, Hoar, Tribbia
11. (Decadal Prediction) Decadal forecasts using the CCSM4
Tribbia, Danabasoglu, Gent, Hurrell, Phillips, Teng, Yeager

CESM1: Total proposed papers: 30, Sub. deadline: 1 July 2011

OMWG papers:

1. Air-sea carbon fluxes in CESM1 and observations

Peacock, Doney, Jochum, Lindsay

2. Point sources and offline modeling using the ocean ecosystem

Bardin, Lindsay, Primeau

3. Changes in ocean simulations in various CESM1 configurations

Danabasoglu, OMWG members...

OMWG contribution:

1. Coupled simulations from CESM1 using the Community Atmosphere Model version 5 (CAM5)

Neale, Hannay, Danabasoglu, Holland, Lawrence, Gettelman, Park, Rasch, Zhang, Wu, ...

<http://www.cgd.ucar.edu/ccr/CMIP5/SpecialIssue>

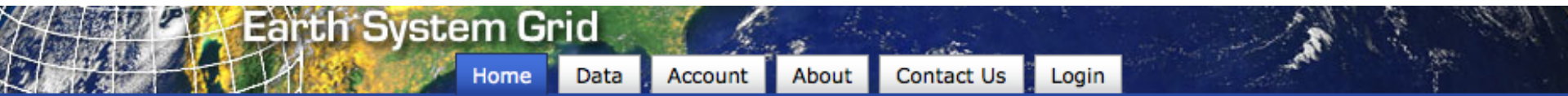
CCSM4/CESM1 experiments to be released via restricted access on ESG for special JoC issue(s)

Updated 8 October 2010 13:10

CCSM4 long-term experiments

Case name	Last date of run	+6 months	+12 months	CMIP5 description	Ensemble number	Parent case	Branch date	Begin-End	Resolution	History file archive location
b40.1850.track1.1deg.006	2010/01/03	2010/07/03	2011/01/03	pi-control	1	1850_f09_g16_c090901	0001-01-01	0001-1300	f09_g16	/CCSM/csm
b40.1850.track1.2deg.003	2010/03/09	2010/09/09	2011/03/09	pi-control	1	1850_f19_g16_c091124	0001-01-01	0001-1000	f19_g16	/CCSM/csm
b40.1850_ramp.track1.1deg.001	2009/10/30	2010/04/30	2010/10/30	1pct-co2	1	b40.1850.track1.1deg.006	0251-01-01	1850-2005	f09_g16	/CCSM/csm
b40.1850_ramp.track1.2deg.001	2010/03/10	2010/09/30	2011/03/30	1pct-co2	1	b40.1850.track1.2deg.003	0501-01-01	1850-1997	f19_g16	/CCSM/csm
b40.20th.track1.1deg.005	2010/01/07	2010/06/07	2011/01/07	historical	1	b40.1850.track1.1deg.006	0863-01-01	1850-2005	f09_g16	/CCSM/csm
b40.20th.track1.1deg.006	2010/01/23	2010/06/23	2011/01/23	historical	2	b40.1850.track1.1deg.006	0893-01-01	1850-2005	f09_g16	/CCSM/csm
b40.20th.track1.1deg.007	2010/02/21	2010/08/21	2011/02/21	historical	3	b40.1850.track1.1deg.006	0983-01-01	1850-2005	f09_g16	/CCSM/csm

<http://www.earthsystemgrid.org>



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