



Supplement of

North Atlantic Oscillation (NAO) in the Paleoclimate Modelling Intercomparison Project (PMIP)

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ESGF Digital Object Identifier (doi)

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Table S1. ESGF doi

Model	DOI	
	piControl	midHolocene
AWI-ESM-1-1-LR	https://doi.org/10.22033/ESGF/CMIP6.9335	https://doi.org/10.22033/ESGF/CMIP6.9332
BCC-CSM1-1	http://doi.org/10.1594/WDCC/CMIP5.BCB1pc	https://doi.org/10.1594/WDCC/CMIP5.BCB1mh
CCSM4	http://doi.org/10.1594/WDCC/CMIP5.NRS4pc	https://doi.org/10.1594/WDCC/CMIP5.NRS4mh
CESM2	https://doi.org/10.22033/ESGF/CMIP6.7733	https://doi.org/10.22033/ESGF/CMIP6.7674
CNRM-CM5	http://doi.org/10.1594/WDCC/CMIP5.CEC5pc	https://doi.org/10.1594/WDCC/CMIP5.CEC5mh
CNRM-CM6-1	https://doi.org/10.22033/ESGF/CMIP6.4163	
COSMOS-ASO	N/A	
CSIRO-Mk3-6-0	https://doi.org/10.1594/WDCC/CMIP5.CQMKpc	https://doi.org/10.1594/WDCC/CMIP5.CQMKmh
CSIRO-Mk3L-1-2	N/A	N/A
EC-EARTH-2-2	N/A	N/A
EC-Earth3-LR	https://doi.org/10.22033/ESGF/CMIP6.4847	https://doi.org/10.22033/ESGF/CMIP6.4847
FGOALS-f3-L	https://doi.org/10.22033/ESGF/CMIP6.3447	https://doi.org/10.22033/ESGF/CMIP6.12014
FGOALS-g2	https://doi.org/10.1594/WDCC/CMIP5.LSF2pc	https://doi.org/10.1594/WDCC/CMIP5.LSF2mh
FGOALS-g3	https://doi.org/10.22033/ESGF/CMIP6.3448	https://doi.org/10.22033/ESGF/CMIP6.3409
FGOALS-s2	https://doi.org/10.1594/WDCC/CMIP5.LIFSpc	https://doi.org/10.1594/WDCC/CMIP5.LIFSmh
GISS-E2-1-G	https://doi.org/10.22033/ESGF/CMIP6.7380	https://doi.org/10.22033/ESGF/CMIP6.7225
GISS-E2-R	https://doi.org/10.1594/WDCC/CMIP5.GIGRpc	https://doi.org/10.1594/WDCC/CMIP5.GIGRmh
HadGEM2-CC	https://doi.org/10.1594/WDCC/CMIP5.MOGCpc	https://doi.org/10.1594/WDCC/CMIP5.MOGCmh
HadGEM2-ES	https://doi.org/10.1594/WDCC/CMIP5.MOGEpc	https://doi.org/10.1594/WDCC/CMIP5.MOGEmh
HadGEM3-GC31-LL	https://doi.org/10.22033/ESGF/CMIP6.6294	https://doi.org/10.22033/ESGF/CMIP6.12129
INM-CM4-8	https://doi.org/10.22033/ESGF/CMIP6.5080	https://doi.org/10.22033/ESGF/CMIP6.5077
IPSL-CM5A-LR	https://doi.org/10.1594/WDCC/CMIP5.IPILpc	https://doi.org/10.1594/WDCC/CMIP5.IPILmh
IPSL-CM6A-LR	https://doi.org/10.22033/ESGF/CMIP6.5251	https://doi.org/10.22033/ESGF/CMIP6.5229
KCM1-2-2	N/A	N/A
MIROC-ES2L	https://doi.org/10.22033/ESGF/CMIP6.5710	https://doi.org/10.22033/ESGF/CMIP6.5646
MIROC-ESM	https://doi.org/10.1594/WDCC/CMIP5.MIMEpc	https://doi.org/10.1594/WDCC/CMIP5.MIMEmh
MPI-ESM-P	https://doi.org/10.1594/WDCC/CMIP5.MXEPpc	https://doi.org/10.1594/WDCC/CMIP5.MXEPmh
MPI-ESM1-2-LR	https://doi.org/10.22033/ESGF/CMIP6.6675	https://doi.org/10.22033/ESGF/CMIP6.6644
MRI-CGCM3	https://doi.org/10.1594/WDCC/CMIP5.MRMCpc	https://doi.org/10.1594/WDCC/CMIP5.MRMCmh
MRI-ESM2-0	https://doi.org/10.22033/ESGF/CMIP6.6900	https://doi.org/10.22033/ESGF/CMIP6.6860
NESM3	https://doi.org/10.22033/ESGF/CMIP6.8776	https://doi.org/10.22033/ESGF/CMIP6.8773
NorESM1-F	https://doi.org/10.22033/ESGF/CMIP6.11595	https://doi.org/10.22033/ESGF/CMIP6.11591
NorESM2-LM	https://doi.org/10.22033/ESGF/CMIP6.8217	https://doi.org/10.22033/ESGF/CMIP6.8079
UofT-CCSM-4	N/A	N/A

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Model	DOI lig127k	lgm
AWI-ESM-1-1-LR	https://doi.org/10.22033/ESGF/CMIP6.9331	https://doi.org/10.22033/ESGF/CMIP6.9330
BCC-CSM1-1		
CCSM4		https://doi.org/10.1594/WDCC/CMIP5.NRS4lg
CESM2		
CNRM-CM5		https://doi.org/10.1594/WDCC/CMIP5.CEC5lg
CNRM-CM6-1	https://doi.org/10.22033/ESGF/CMIP6.4118	
COSMOS-ASO		N/A
CSIRO-Mk3-6-0		
CSIRO-Mk3L-1-2		
EC-EARTH-2-2		
EC-Earth3-LR	https://doi.org/10.22033/ESGF/CMIP6.4798	
FGOALS-f3-L	https://doi.org/10.22033/ESGF/CMIP6.12013	
FGOALS-g2		https://doi.org/10.1594/WDCC/CMIP5.LSF2lg
FGOALS-g3	https://doi.org/10.22033/ESGF/CMIP6.3407	
FGOALS-s2		
GISS-E2-1-G	https://doi.org/10.22033/ESGF/CMIP6.7223	
GISS-E2-R		https://doi.org/10.1594/WDCC/CMIP5.GIGRlg
HadGEM2-CC		
HadGEM2-ES		
HadGEM3-GC31-LL	https://doi.org/10.22033/ESGF/CMIP6.12128	
INM-CM4-8	https://doi.org/10.22033/ESGF/CMIP6.5076	https://doi.org/10.22033/ESGF/CMIP6.5075
IPSL-CM5A-LR		https://doi.org/10.1594/WDCC/CMIP5.IPILlg
IPSL-CM6A-LR	https://doi.org/10.22033/ESGF/CMIP6.5228	
KCM1-2-2		
MIROC-ES2L	https://doi.org/10.22033/ESGF/CMIP6.5645	https://doi.org/10.22033/ESGF/CMIP6.5644
MIROC-ESM		https://doi.org/10.1594/WDCC/CMIP5.MIMElg
MPI-ESM-P		https://doi.org/10.1594/WDCC/CMIP5.MXEPlg
MPI-ESM1-2-LR	N/A	
MRI-CGCM3		https://doi.org/10.1594/WDCC/CMIP5.MRMC1g
MRI-ESM2-0		
NESM3	https://doi.org/10.22033/ESGF/CMIP6.8772	
NorESM1-F	https://doi.org/10.22033/ESGF/CMIP6.11590	
NorESM2-LM	https://doi.org/10.22033/ESGF/CMIP6.8078	
UofT-CCSM-4		N/A

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Model	DOI abrupt4xCO2
AWI-ESM-1-1-LR	
BCC-CSM1-1	https://doi.org/10.1594/WDCC/CMIP5.BCB1c2
CCSM4	https://doi.org/10.1594/WDCC/CMIP5.NRS4c2
CESM2	https://doi.org/10.22033/ESGF/CMIP6.7519
CNRM-CM5	https://doi.org/10.1594/WDCC/CMIP5.CEC5c2
CNRM-CM6-1	https://doi.org/10.22033/ESGF/CMIP6.3916
COSMOS-ASO	
CSIRO-Mk3-6-0	https://doi.org/10.1594/WDCC/CMIP5.CQMKc2
CSIRO-Mk3L-1-2	
EC-EARTH-2-2	
EC-Earth3-LR	
FGOALS-f3-L	https://doi.org/10.22033/ESGF/CMIP6.3176
FGOALS-g2	https://doi.org/10.1594/WDCC/CMIP5.LSF2c2
FGOALS-g3	
FGOALS-s2	https://doi.org/10.1594/WDCC/CMIP5.LIFSc2
GISS-E2-1-G	https://doi.org/10.22033/ESGF/CMIP6.6976
GISS-E2-R	https://doi.org/10.1594/WDCC/CMIP5.GIGRc2
HadGEM2-CC	
HadGEM2-ES	https://doi.org/10.1594/WDCC/CMIP5.MOGEc2
HadGEM3-GC31-LL	
INM-CM4-8	https://doi.org/10.22033/ESGF/CMIP6.4931
IPSL-CM5A-LR	https://doi.org/10.1594/WDCC/CMIP5.IPILc2
IPSL-CM6A-LR	https://doi.org/10.22033/ESGF/CMIP6.5109
KCM1-2-2	
MIROC-ES2L	https://doi.org/10.22033/ESGF/CMIP6.5410
MIROC-ESM	https://doi.org/10.1594/WDCC/CMIP5.MIMEc2
MPI-ESM-P	https://doi.org/10.1594/WDCC/CMIP5.MXEPc2
MPI-ESM1-2-LR	https://doi.org/10.22033/ESGF/CMIP6.6459
MRI-CGCM3	https://doi.org/10.1594/WDCC/CMIP5.MRMCCc2
MRI-ESM2-0	https://doi.org/10.22033/ESGF/CMIP6.6755
NESM3	https://doi.org/10.22033/ESGF/CMIP6.8719
NorESM1-F	
NorESM2-LM	https://doi.org/10.22033/ESGF/CMIP6.7836
UofT-CCSM-4	

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