Contact — //Julia Hargreaves // to contribute to this page, or leave a comment in the discussion box.

PMIP4/CMIP6 Information

Several different experiments are being performed in PMIP4.

Last Millennium

Experimental design: http://www.geosci-model-dev-discuss.net/gmd-2016-278/
PMIP4 website: https://pmip4.lsce.ipsl.fr/doku.php/exp_design:lm
Database: ESGF
Variables:

Mid Holocene

Experimental design: http://www.geosci-model-dev-discuss.net/gmd-2016-279/
PMIP4 website: https://pmip4.lsce.ipsl.fr/doku.php/exp_design:mh
Database: ESGF
Variables:

Last Glacial Maximum

Experimental design: http://www.geosci-model-dev-discuss.net/gmd-2017-18/
PMIP4 website: https://pmip4.lsce.ipsl.fr/doku.php/exp_design:lgm
Database: ESGF
Variables:

Last Deglaciation (21-9ka)

Experimental design: http://www.geosci-model-dev.net/9/2563/2016/
PMIP4 website: https://pmip4.lsce.ipsl.fr/doku.php/exp_design:index
Database: Model output mostly to be made available directly from the institutes performing the runs
Variables: ?

Eemian - Last Interglacial

Experimental design: http://www.geosci-model-dev-discuss.net/gmd-2016-279/
PMIP4 website: https://pmip4.lsce.ipsl.fr/doku.php/exp_design:lig127
Database: ESGF
Variables:

Pliocene

Experimental design: http://www.clim-past.net/12/663/2016/
USGS Website: http://geology.er.usgs.gov/egpsc/prism/7_pliomip2.html
Database: ESGF
Variables: http://geology.er.usgs.gov/egpsc/prism/7_pliomip2.html

Eocene

EECO, PETM and pre-PETM
Experimental design: http://www.geosci-model-dev-discuss.net/gmd-2016-127/
Website: http://www.deepmip.org Database: ESGF, or DeepMIP database
Variables: Outlined in Appendix A of the Experimental Design paper.

PMIP3/CMIP5 Information

PMIP Last Millenium, mid-Holocene, and LGM

The majority of PMIP model output is held in the PMIP database.

This includes model output for the three 'Tier 1' PMIP time slices: Last Millenium, mid-Holocene, and LGM.

In order to access it, contact Jean-Yves [jean-yves.peterschmitt@lsce.ipsl.fr], or see the instructions here: database.

The current status of the database is here: status.

PlioMIP mid-Pliocene

The PlioMIP data is held on a (password protected) ftp repository in Bristol.

This includes model output for the mid-Pliocene time slab.

In order to access the full outputs, contact Alan Haywood [a.m.haywood@leeds.ac.uk].

You can access a limited amount of output (monthly 2m air temperatures from each model, and ensemble and zonal means) from the Supplementary information of this paper: http://www.clim-past.net/9/191/2013/cp-9-191-2013.html

LIGMIP last Interglaci[al/ation]

You can access a limited amount of output (monthly 2m air temperatures) from the Supplementary information of this paper: http://www.clim-past.net/9/699/2013/cp-9-699-2013.html

In order to access more data, you would have to contact the groups individually, or contact Dan Lunt [d.j.lunt@bristol.ac.uk] for an email list.

Bette Otto-Bliesner is currently collating precipitation data, so you could contact her [ottobli@ucar.edu] if you want that.

EoMIP Eocene

You can access a limited amount of output (monthly 2m air temperatures from each model, and ensemble and zonal means) from the Supplementary information of this paper: http://www.clim-past.net/8/1717/2012/cp-8-1717-2012.html

In order to access more data, you would have to contact the groups individually, or contact Dan Lunt [d.j.lunt@bristol.ac.uk] for an email list.

Other stuff

Some groups have their own online databases of model simulations:

University of Bristol BRIDGE repository:

http://www.bridge.bris.ac.uk/resources/simulations
If you click on 'Access simulations', you can gain access (netcdf and plots) to model data from a selection of published papers. In addition, you may be able to have access to other simulations, on request [to d.j.lunt@bristol.ac.uk or p.j.valdes@bristol.ac.uk]. A list of currently available groups of simulations is here:
http://www.paleo.bris.ac.uk/ummodel/list_of_simulations.html

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Permanent link:
https://pmip4.lsce.ipsl.fr/doku.php/wg:ptof:models?rev=1536223248

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