



The PMIP2 Database

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The second phase of the Paleoclimate Modelling Intercomparison Project was launched in June 2002, in order to study the role of climate feedbacks arising for the different climate subsystems (atmosphere, ocean, land surface, sea ice and land ice) and evaluate the capability of state of the art climate models to reproduce climate states that are radically different from those of today (Mid-Holocene and Last Glacial Maximum). The participants were asked to submit the results of their coupled ocean-atmosphere(-vegetation) models in a standard format to a centralized repository, the PMIP2 Database. The content of the PMIP2 DB can be used by anybody submitting an analyses' project to the access committee.

Seven years after the project launch, the database hosts 18 models (with 2 to 6 experiments per model), more than 100 projects have been submitted, and the database has been used in more than 50 papers. We will give an outline of the PMIP2 experimental design (boundary conditions, required variables and standard output format), show some detailed statistics about the database content and present some key variables generated from the database.