

CMIP5 - Coupled Model Intercomparison Project Phase 5

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The latest phase of the Coupled Model Intercomparison Project, CMIP5, an activity coordinated by the WCRP/Working Group on Climate Model (WGCM) is well under way. The latest list of institutions participating in CMIP5 experiments:

<http://cmip-pcmdi.llnl.gov/cmip5/availability.html>

indicates that 33 models at 26 centers are providing datasets (with models generally participating in a selective set of experiments). As a part of the outcome of the CMIP5 activity, "...it is expected that some of the scientific questions that arose during preparation of the Intergovernmental Panel on Climate Change (IPCC) Fourth Assessment Report (AR4) will through CMIP5 be addressed in time for evaluation in the Fifth Assessment Report (AR5, scheduled for publication in late 2013)" (*CMIP5 Home Page*). For the results of the CMIP5 to be included in the IPCC AR5report, papers need to be submitted (accepted) by July 31, 2012 (March 15, 2013).

A recent issue of WCRP/CLIVAR Exchanges provided a comprehensive overview of CMIP5 design protocol, and is available from:

http://www.clivar.org/sites/default/files/imported/publications/exchanges/Exchanges_56.pdf

US CLIVAR discussion will focus on the accessibility of the CMIP5 data via the Earth System Grid (ESG), with possible recommendations that could be provided to the SSC. We would also follow on the discussion we had during the last summit on possible recommendations to community on the use of both CMIP3 and CMIP5 data archives.