Geophysical Research Abstracts, Vol. 9, 01289, 2007 SRef-ID: 1607-7962/gra/EGU2007-A-01289 © European Geosciences Union 2007



Results from the Cloud Feedback Model Intercomparison Project (CFMIP)

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The radiative feedback from clouds remains the largest physical source of variation in climate sensitivity amongst general circulation models (GCMs). The Cloud Feedback Model Intercomparison Project (CFMIP) aims to reduce this variation through a detailed understanding of the cloud processes which are operating under climate change and, where possible, evaluating these processes through observations of present-day mean climate and climate variability. This talk will provide an overview of some of the diagnostic techniques which have been developed under CFMIP phase 1, and present plans for CFMIP phase 2.