



Intercomparison of results from regional climate models to global analyses and observations in the Inter-Continental Transferability Study (ICTS)

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In the ICTS regional atmospheric climate models (RCM) from different Regional Hydroclimate Projects (RHPs) have been transferred from their “home” domain to other domains involved in CEOP/GEWEX. The models were initialized and forced at their boundaries by global NCEP reanalysis data. Simulations were performed for seven regions on the globe covering most climate zones. The simulation period is January 2000 – December 2004 and thus includes the CEOP observation periods. In this first experiment RCMs were run with the same model setup for all regions. Results from the RCM simulations are already available and stored in the official CEOP data archive.

In the presentation comparison of the RCMs to global observation data sets (e.g. from GPCP, GPCC, Matsuura-Willmot) as well as to global reanalysis data from several weather centres (e.g. NCEP, ECMWF, JMA) will be shown.