



## **Intercomparison of results from four regional climate models to 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 four RCMs 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.

The aim is to show in which regions the same model setup as in the “home” region of the models is still appropriate and to show the main issues for those regions where it is not.