

Improving the communication of local climate scenarios and uncertainties

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Results from ~40–50 global climate models (GCMs) from the CMIP3 (IPCC, 2007) data set have been subject to empirical-statistical downscaling (ESD) in order to provide large multi-model ensembles for local temperature and precipitation scenarios on a seasonal basis. The ESD-analysis has been performed for the North-Atlantic region as well as for some sites in the Russian Arctic. In order to disseminate the information of these ESD-results to the general public, the simple graphics presenting the results have been incorporated in Google Earth. A simple scheme is used to quickly present maps of quantiles for a chosen time point.