Hydrol. Earth Syst. Sci. Discuss., 7, C146–C146, 2010
www.hydrol-earth-syst-sci-discuss.net/7/C146/2010/
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Hydrology and Earth System Sciences Discussions

Interactive comment on "Evaluation of a bias correction method applied to downscaled precipitation and temperature reanalysis data for the Rhine basin" *by* W. Terink et al.

Anonymous Referee #3

Received and published: 10 March 2010

It is important to assessing the quality of meteorological input data for hydrological models. But, if the focus is laid to uncertainties, the sources of model uncertainties like parameter, structure, observations etc. has to be integrated too. The results of the presented bias correction method show reasonably good performances. The paper can be accepted with corrections:

1) 'moving from uncertainty to probability' would have more importance for climate impact studies and 2) without demonstrations of scale dependencies and limitations it will not be possible to define an operational application

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 7, 221, 2010.

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