

Interactive comment on “Coupling of the regional climate model COSMO-CLM using OASIS3-MCT with regional ocean, land surface or global atmosphere model: description and performance” by Stefan Weiher et al.

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Dear Colleague, we would like to thank you for all your comments, remarks and questions and we considered all of them carefully. However, if we understand you correctly, we fear, you will not be happy with all of our answers and with all aspects of the article revision.

We use model configurations which are regarded to be optimum for Europe and investigate an optimum configuration of resources in coupled mode by keeping the configurations of model physics and dynamics unchanged. The physics of the coupling is

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described only. An analysis of its accuracy and its scientific discussion is not the topic of this paper. We hope having made it more clear in the article and in our answer to your review.

It is also beyond the scope of the paper to investigate the computational efficiency in dependency on the models accuracy. The prerequisite of such an investigation would be the quantification of models accuracy in a more theoretical way than by comparison of the results with observations in order to make such a study feasible.

We are looking forward to your comments on our revision and remain with kind regards, Andreas Will

Please also note the supplement to this comment:

<http://www.geosci-model-dev-discuss.net/gmd-2016-47/gmd-2016-47-AC2-supplement.pdf>

Interactive comment on Geosci. Model Dev. Discuss., doi:10.5194/gmd-2016-47, 2016.

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