

Interactive comment on “Climate change impact assessment as function of model inaccuracy” by P. Droogers et al.

Anonymous Referee #1

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Specific comments: 1. It's not always clear whether model is referring to the application model or to the climate model. (e.g. line 4 page 2877: numerical model, or p2886 line 15)

2.p 2877, l25: please explain new approach;

3.p 2880, l23: all scientific knowledge; please be more specific about these scenarios. It's hardly possible that they are based on all scientific knowledge.

4.p2881,l4. In winter most climate models give an increase in the strength of the westerlies for western Europe.

5.p2881, l19: alpha, Ksat, n not earlier defined. Same applies to SINAVE, SINAMP. Perhaps it's better to put these modification in a table, and explicitly refer to the paper describing these parameters. Could you also motivate the 10 % change better. Is this a realistic representation of the uncertainty of the parameters ?

6.Table 4. All numbers in the first two columns appear to be wrong. At least I could not figure out what is shown.

7.p2884, l25-26. What do you mean with 'might be contributed';itself;

8.p2885, l2: 90%. I could not figure out what you mean with this. Rather if the change in the accurate model is 30% and the inaccurate model 20%, you would obtain 0.90. In that case, I would rather argue that the influence of model inaccuracies is 33 % (10/30).

9.Table Table caption, please also mention with indicators are left out.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 4, 2875, 2007.

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Interactive Discussion

Discussion Paper