

Interactive comment on “An analytical model for soil-atmosphere feedback” by B. Schaefli et al.

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As reviewer 1 (and 2), this reviewer states the he/she is a firm supporter of simplified mathematical models of meteorological processes but is nevertheless very critical regarding the fundamental assumptions of our study.

From our own experience, we are aware that the fields of hydrological and meteorological modeling tend to use their own jargon and we suspect that part of this reviewer's critical comments about our paper might well be due to too strongly "hydrologically coloured" language and a lack of clear explanations from our side. We try to clarify these points in the detailed answer to this review (see supplement) and in the revised version of the manuscript. We, however, also would like to mention here that we disagree with the relatively strong claim that the language of our paper is insufficient. In

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particular, we do not intend to review our spelling of "Lagrangean", which is as correct as the more American spelling "Lagrangian" (on Web of Science, both spellings give about the same number of results for e.g. the UK Journal of Operational Research Society).

The detailed answers to all comments are given in the supplement.

Please also note the supplement to this comment:

<http://www.hydrol-earth-syst-sci-discuss.net/8/C6146/2012/hessd-8-C6146-2012-supplement.pdf>

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 8, 8315, 2011.

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