Hydrol. Earth Syst. Sci. Discuss., 9, C6793-C6794, 2013

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Interactive Comment

Interactive comment on "Kalman filters for assimilating near-surface observations in the Richards equation – Part 1: Retrieving state profiles with linear and nonlinear numerical schemes" by G. B. Chirico et al.

G. B. Chirico et al.

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Received and published: 17 February 2013

We are grateful to Referee#2 for his/her thoughtful review, which certainly helps us in improving our paper. If the Editor agrees, the assimilation techniques will be described more in-depth in the revised manuscript. We admit that we have been too synthetic when describing the Kalman algorithms and a bit imprecise in the usage of the notations for some equations. We hope that our replies (reported in the supplement pdf file) clarify all points raised by Referee#2.



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Interactive Discussion

Discussion Paper



Please also note the supplement to this comment: http://www.hydrol-earth-syst-sci-discuss.net/9/C6793/2013/hessd-9-C6793-2013supplement.pdf

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 9, 13291, 2012.

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