

Interactive comment on “Experimental and theoretical memory diffusion of water in sand” by G. Iaffaldano et al.

G. Iaffaldano et al.

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Thank you very much for the useful comments and corrections.

I would like to add a general comment/reply about the experimental apparatus: As it was our first trial for experiments of this kind, the experimental apparatus was actually a bit poor and might lead to uncontrolled phenomena like the one you pointed out. Nevertheless the second author (Caputo) together with E. Di Giuseppe conducted other more sophisticated experiments of the same kind, based on the results presented here. With a more appropriate device they confirm our results and the general memory behavior. I'm aware that a paper with new and perhaps more convincing results is in preparation and will soon be submitted.

Interactive comment on Hydrology and Earth System Sciences Discussions, 2, 1329, 2005.

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