Hydrol. Earth Syst. Sci. Discuss., 11, C272–C273, 2014 www.hydrol-earth-syst-sci-discuss.net/11/C272/2014/

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11, C272-C273, 2014

Interactive Comment

## Interactive comment on "Parameterizing complex root water uptake models – the arrangement of root hydraulic properties within the root architecture affects dynamics and efficiency of root water uptake" by M. Bechmann et al.

N. Ursino (Editor)

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Received and published: 4 March 2014

Dear Authors, I believe that many arguments in the discussion deserve special attention, potentially could improve your work and definitely deserve a reply. Among them, I would point at the major concerns on the hydraulic principles raised by Reviewer 1 and the request of Reviewer 2 for a correspondence between modeled and real root distribution, in addition to a discussion concerning the model accuracy. Furthermore, the concerns repeatedly raised by Reviewer 1 on effort and yield should be clarified.

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Interactive Discussion

Discussion Paper



Would you try to reply (at least) to these major points in the interactive discussion? Nadia Ursino

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 11, 757, 2014.

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11, C272-C273, 2014

Interactive Comment

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