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Interactive Comment

## Interactive comment on "On the derivation of soil surface roughness from multi parametric PoISAR data and its potential for hydrological modelling" by P. Marzahn and R. Ludwig

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The paper addresses the important topic of how to use polarimetric SAR data for finescale roughness characterisation. It is acceptable subject to major revisions that take the detailed and useful comments of the two reviewers into account. My only additional comment is that the authors should try to revise the paper in such a way that it becomes more easily readable by the hydrologic community (e.g. by using remote sensing specific aconyms only where necessary).





Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 5, 3383, 2008.