

***Interactive comment on “A quality assessment of spatial TDR soil moisture measurements in homogenous and heterogeneous media with laboratory experiments” by T. Graeff et al.***

**Anonymous Referee #3**

Received and published: 8 March 2010

This paper presents a comprehensive discussion of TDR capabilities for detecting dielectric variations along transmission lines embedded in various types of media. Both the theoretical aspects and the experiments are described in detail with a rigorous approach. The different sections of the paper are well written and organised, and the presentation of figures is quite effective. The paper also introduces information of practical relevance in the utilisation of long TDR transmission lines (both coated and uncoated).

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 7, 269, 2010.