

Interactive comment on “A Field Evidence Model: How to Predict Transport in a Heterogeneous Aquifers at Low Investigation Level?” by Alraune Zech et al.

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We want to thank Joost Herweijer for his interest in our work. The points he raised will be addressed critically during the revision process of the manuscript in addition to the comments of the reviewers. We acknowledge the initiation of the scientific discussion on the subject matter of integrating aquifer heterogeneity to hydrogeological transport models as this was one of the goals of the work. As stated in the manuscript's last paragraph, we aim to contribute to bridging the gap between the advanced research in stochastic hydrogeology and its limited use by practitioners. In this line, we agree that hierarchical deterministic/stochastic modeling permeability is used in the oil and gas

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industry, but hardly found its way into applied hydrogeology.

We acknowledge his effort in providing us publications on MADE which have not been available to us or of which we were not aware, respectively. Missing literature references will be integrated to the paper. As part of the updating process, we will discuss similarities and differences between the mentioned work of J. Herweijer on the MADE site (referenced PhD thesis) and ours. In the same line, we also discovered that other references are missing in the current version, as e.g. the inspiring work of Bianchi & Zheng, 2016 on the MADE-2 experiment.

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