

Interactive comment on “DOC-dynamics in a small headwater catchment as driven by redox fluctuations and hydrological flow paths – are DOC exports mediated by iron reduction/oxidation cycles?” by K.-H. Knorr

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Whilst I would agree fully with Reviewer 3 that a full and proper test of the hypothesis advanced will have to involve manipulation and experimentation, I feel that this paper has significant merit in using observational data to frame the problem and derive the hypothesis. Furthermore, it may be that the process of Fe-DOC interaction described in the hypothesis is only significant or dominant in certain situations and this too will need to be researched and defined. Thus I would consider it likely that this paper will be influential in guiding the direction of future research in this area.

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Interactive comment on Biogeosciences Discuss., 9, 12951, 2012.

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