

Interactive comment on “How effective is river restoration in re-establishing groundwater – surface water interactions? – A case study” by A.-M. Kurth et al.

A.-M. Kurth et al.

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Dear Dr Walther

Thank you for your comments.

I will reply to your comments in the following:

The additional information provided in our last reply will be added to the revised manuscript. The revised version of the manuscript will be uploaded after conclusion of the revision process at the end of March.

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Reply to 19) The initial temperature of the cable seems to have an effect on the heating, as warmer sections of the cable heated up more strongly. To avoid a possible temperature correlation, cooling rates were only investigated in sections with a similar temperature (15.9 °C – 16.1 °C).

Reply to 30) The shading will be removed from the diagrams.

The colour plots consist of numerous temperature measurements (“horizontal lines”) stacked on top of each other (see the time axis on the left). Thereby, each measurement is one coloured “line”. As temperatures are similar no “lines” are visible, but if only one measurement would have been plotted, there would have been one “line”.

I hope to have answered your questions to your full satisfaction.

Kind regards

Anne-Marie Kurth

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 12, 1093, 2015.

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