

Hydrol. Earth Syst. Sci. Discuss., author comment AC1  
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## Reply on RC1

Adrien Michel et al.

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Author comment on "Future water temperature of rivers in Switzerland under climate change investigated with physics-based models" by Adrien Michel et al., Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2021-194-AC1>, 2021

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Dear reviewer,

We thank you very much for your constructive and instructive comments on our manuscript. We are very well aware that this review has been a significant time investment and therefore especially appreciate the reviewer's feedback and commitment. Please find below a detailed answer to all the points of this thorough review. We hope that these answers together with the corresponding proposed modifications of the manuscript will provide the requested clarifications and consider the useful suggestions.

Our responses are provided in the attached document. Reviewer comments are repeated in italic, author replies in regular font.

Best regards,

Adrien Michel, on behalf of the authoring team

Please also note the supplement to this comment:  
<https://hess.copernicus.org/preprints/hess-2021-194/hess-2021-194-AC1-supplement.pdf>