

Geosci. Model Dev. Discuss., author comment AC3  
<https://doi.org/10.5194/gmd-2021-140-AC3>, 2021  
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## **gmd-2021-140: detailed response to reviewer 1**

Sandra Hellmers and Peter Fröhle

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Author comment on "Computation of backwater effects in surface waters of lowland catchments including control structures – an efficient and re-usable method implemented in the hydrological open-source model Kalypso-NA (4.0)" by Sandra Hellmers and Peter Fröhle, Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2021-140-AC3>, 2021

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Thank you very much for the detailed and well worked out review. Your comments, questions and remarks are very valuable for our revision of the preprint. We are pleased to discuss your points of the review in more details to make our paper and statements more clear. For that purpose we cite your comments in the review (with "", italic, underlined) and answer each comment thereafter. Please open the supplement to this comment to read our detailed response.

Please also note the supplement to this comment:

<https://gmd.copernicus.org/preprints/gmd-2021-140/gmd-2021-140-AC3-supplement.pdf>