

Comments to the Author:

Dear authors,

thank you for submitting the revised version of your manuscript. Considering the changes and responses to the referee's comments that you have provided, I have the pleasure to inform you that our contribution can now be further processed towards publication in HESS. Prior to that, I would ask you to carry out a few technical corrections. Please consider the points here below (by simple comparison to the text in your revised manuscript):

465 The lack of data suggests that perfect accuracy cannot be expected, ...

475: Modified in the revised version

466 ... between the size of measurement supports and model resolution is the main reason for What does 'measurement supports' exactly mean here ?

476: "Measurment supports" was used here for measurement resolution. It is changed in the revised version.

468 ..., we suggest that the quality of model results does not relate to the fact that the model accurately represents data over a single scenario, but rather to the fact that it roughly represents data over multiple different scenarios (events). Unfortunately, we only had one single set of TIR imagery at our river reach.

478-481: Modified in the revised version.

563 As already mentioned, the short-term behavior of the hydrosystem in response to flood events

576: Modified in the revised version.

566 The exploration of injection scenarios ...

579: Modified in the revised version.

568 ... simulations, could for example inform on the number and intensity of flood events needed to ...

581: Modified in the revised version.

I am looking forward to see your manuscript published in HESS. Thank you for considering our journal for publishing your research results.

Best regards,

Laurent Pfister