

Dear Ilja,

Please find attached my revised paper that addresses the editor comments that you made following the submission of my major revisions. I have addressed all the small comments that you made. Regarding the question of whether some water was double counted between the soil moisture and groundwater stores in equations 1/2, I think this is actually a bit of a red herring. Although you are quite correct that this is a possibility, in fact it only occurs very close to the stream channel, and is never seen in the measurement stations 20 m from the channel. Therefore the fraction of the catchment where this could occur is extremely small, and the volume of water negligible. I think the extrapolation of soil moisture and groundwater depths to the remainder of the catchment is a much larger source of uncertainty. Therefore, I left the equations unchanged, but included a comment to explain this assumption. I hope this is acceptable to you.

All the best,

Hilary