

One key limitation of the study is the validation of the model and its parameters derived from local lysimeter observations extrapolated to the whole of Europe. There is now a new figure which shows that trend direction and magnitude agree more than by chance. The sign of the trends, however, do not agree for all regions and it remains unclear for which reasons. I agree with the authors that a validation is difficult to achieve. I would, however, recommend to discuss these issues since this highlights that more research is needed to understand hydrological change.

We added the following sentence to the Discussion: "The observation that regional disagreement can exist between simulated and observed streamflow changes indicates that more research is needed to fully understand drivers of streamflow change at smaller (regional and catchment) scales."

Minor Issue: The Figs 9 and 10 show maps of the contribution to change. It is not clear which areas show missing values and which should show a change. For example, Norway is all gray, some parts of Sweden as well. The inset e) shows a violet color bit inside its all gray. Please clarify this.

We added the requested information to the caption of Figure 8 (numbered as 9 in the manuscript due to an error in the LaTeX package).