

Dear Editor,

Thank you for your suggestions on improving the clarity of the final paragraph of the discussion, we have reworded it to read as follows:

In this opinion paper, we compare the effects of CO₂-driven and land-use-driven climate change on floods and droughts and highlight the significant, but rarely considered, effects of land management on landscape hydrology. Floods encompass flashfloods and fluvial floods. We will exemplify this for Bavaria (southern Germany) for two reasons. (i) We have access to a large consistent monitoring and modelling data set regarding climate, land use and management and hydrology, and (ii) the region represents a typical Mid-European setting with predominantly agricultural land use (cropland and livestock farming) while also featuring extensive forest, urban areas, and protected natural reserves. We argue that effects shown here for southern Germany will occur globally, although, there will be regional differences in land use setting and agricultural management, for example, differences in agricultural machinery weights, the soil sealing area, or the road density. A short description of the example area can be found in the supplement.

Hopefully this is now clearer. .

Kind regards

Karl Auerswald, Juergen Geist, John N. Quinton and Peter Fiener

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