

Interactive comment on “Future shifts in extreme flow regimes in Alpine regions” by M. I. Brunner et al.

Axel Bronstert (Editor)

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Dear authors, thank you very much for revising and improving your manuscript. I think you did a good job. However, it needs to go through a 2nd round of reviews. I agree with both reviewers, that the model-based assessments of hydrological "impacts" of climate change needs to show the performance or the climate-water-model system for the current conditions before applying for future (scenario) conditions. As far as I understood, you now changed the current situation assessment by using an ensemble of the RCMs for reference conditions instead of driving with observed meteorological conditions. I recommend to show BOTH such results, and to discuss how large the differences are (in particular in respect to the "signal" of climate change scenarios), and how relevant you consider these differences and how you coped with those. Kind

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regards Axel Bronstert (editor of this manuscript)

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