

Interactive comment on “Development of a revised IHA method for the cumulative impacts of cascade reservoirs on flow regime” by Xingyu Zhou et al.

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Received and published: 18 March 2020

Richter et al. (1997) suggested collecting >20 years of pre- and post-impact flow data when using IHA to assess hydrological alteration. Otherwise, the interannual climate change would cause great interference in the statistical results. Therefore, in order to capture the characteristics of hydrological changes, a long series of data is necessary. During the pre-impact period, the uncertainty is mainly caused by climate change. With the continuous construction of dams, the uncertainty is jointly determined by dam operation and climate change simultaneously, the former usually play import role in altering the flow regime.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2019->

694, 2020.

HESSD

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