

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

Anonymous Referee #5

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To date, many approaches have already been developed to quantify the extent of hydrological alterations caused by reservoirs. Although efforts have addressed the relationship resulting in statistical redundancy, the inter-correlations have not been analyzed comprehensively still. A new method is proposed to eliminate self-correlations among the 33 parameters and provide beneficial insights into water resources management. In Table 6, the overall degree of alteration of group 1-4 is increased from 1998-2012 to 2013-2017, but the fifth group is decreased, please explain the reasons.

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