

Review of ***HESS Opinions: Beyond the Long-term Water Balance: Evolving Budyko's Supply-Demand Framework for the Anthropocene towards a Global Synthesis of Land-surface Fluxes under Natural and Human-altered Watersheds*** by Sankarasubramanian et al.

The revised manuscript on using simple supply-demand frameworks in hydrology really showed some nice improvements compared to the previous version. I am happy the authors addressed my comments and I just have several minor issues.

Regarding Figure 2, I do understand what the authors want to show and I also agree with the authors that variations might be explained by other controlling factors. However, you cannot deny that the used model may have deficiencies as well, and I think this needs to be added at least in the discussion. So I suggest to just add some lines on that.

With regard to my comment on Figure 5, I meant adding a colorscale for each year (e.g. darker colors for more recent years). Mainly because I wondered if the points in Figure 5 are sequential. In other words, are the points towards lower ratios for more recent years and higher ratios for years more in the past? Is the environmental flow partition reducing over time?

From line 256, the authors start a more general discussion, which does not seem to fit under the current section of *Representing Human Demand and Environmental Flows in from Reservoir Operation*. I suggest to place this part in a different section.

I hope the authors find these rather minor issues helpful again. The manuscript is interesting and I recommend publication after these small issues have been addressed.

### **Minor comments**

L236-237. Sentence seems a bit off.

L541. Y axis → Y-axis

L551-552. I think the descriptions of the top row and bottom row do not match with what the figure shows.