

Interactive comment on “Optimal operation of a multipurpose multireservoir system in the Eastern Nile River Basin” by Q. Goor et al.

Anonymous Referee #1

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An excellent paper in all respects. I found only two English mistakes: P. 4335 line 25 the word 'every' should be 'all' and on page 4337 line 4 the word 'hour' should be 'hours' but these, if I'm correct, are very minor. There are also some long paragraphs, e.g., p. 4347. I would have liked to see more detail on the linearization of hydropower equations, instead of being referred to another paper, and I would have liked to see the results of a simulation model to compare or verify the results of the optimization models. Perhaps this could be a companion paper (?). Also, if climate and land use change make the use of past hydrology questionable, how would this uncertainty be considered in this study? Finally, what impact will sediment have over the life of these reservoirs and power plants? Overall, an excellent and well written paper. Congratulations.

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