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Comment on bg-2021-234

Anonymous Referee #1

Referee comment on "Methane accumulation affected by particulate organic carbon in upper Yangtze deep valley cascade reservoirs, China" by Yuanyuan Zhang et al., Biogeosciences Discuss., <https://doi.org/10.5194/bg-2021-234-RC1>, 2021

This paper, entitled "Methane accumulation affected by particulate organic carbon in upper Yangtze deep valley dammed cascade reservoirs, China" by Zhang et al., systematically quantified the contribution of environmental factors to reservoir methane (CH₄) emissions in the two cascade reservoirs along Yangtze River, and highlighted the significant role of terrestrial POC input in CH₄ oxidation and accumulation. The topic is interesting and valuable. The manuscript is well written and clear with informative figures. I would therefore have no major issue recommending it for publication.