

Review of: "A Review of the Drawdown Zone in African Reservoirs: Current Knowledge, Understudied Areas and Recommendations for Future Research"

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Potential competing interests: No potential competing interests to declare.

This study is of great value in that it compiles a lot of data on the African drawdown zone, which, despite its importance in terms of carbon and nutrient flows, has not been systematically analyzed until now. Identifying issues such as topographic classification problems and biases in previous studies is also helpful in determining future analysis.

The adoption of the PRISM method as a clear method in the review is one of the novelties of this paper. I am not familiar with this method, but I think it is rare in the field of natural sciences. However, the paper should include references to PRISM and clearly state the advantages of using this method.

However, it is unfortunate that the discussion is redundant with only qualitative explanations of individual papers, and there is no quantitative analysis in this study. This study would be more valuable if there were statistical results such as the amount of carbon storage, released CO₂ by irrigation, and the stocks and flows of nutrients in each zone. Also, it would have been helpful to know which regions are or are not biased in the previous analysis.

As grammatical criticisms, the objectives and arguments of this study should be more specific and concise. Also, the subjects of each paragraph should be described in the first sentence; otherwise, it is very difficult to read.