

A long-term dataset of simulated epilimnion and hypolimnion temperatures in 401 lakes (1959-2020)

The manuscript presents a dataset of simulated lake water temperature of 401 French lakes using a modelling approach. The manuscript was already in a good shape but I feel that after this round of revision the description of calibrated or not versions (and their comparison) greatly improved.

I think that the presented dataset is relevant to leverage lake research in the context of climate change. The manuscript it is overall well written so I only have some minor issues listed below.

Minor issues:

- L194 – “surface temperature” should be “mean surface temperature” right? Because potentially Landsat give the spatially distributed information.
- Figure 1 – The legend report: Reservoirs, natural, artificial (others) and gravel pit. I am curious what kind of lakes have been grouped under artificial, could you please add an example in the text where you mention this distinction for the first time? That would be useful to understand.
- L367 – add a space before parenthesis.
- L462 – I suggest modifying the sentence by adding: “We compiled the initial temporal gap filling for 282 of....”