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Interactive comment on "A General Lake Model (GLM 2.4) for linking with high-frequency sensor data from the Global Lake Ecological Observatory Network (GLEON)" *by* Matthew R. Hipsey et al.

Anonymous Referee #1

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This article describes the scientific basis of a 1-dimensional hydrodynamic lake model that can be coupled to ecosystem models. The model has already been applied to many systems in the scientific community, and I think it is useful publish the model description in a scientific paper that can be referred to for future applications of the model. That said, I stopped reviewing after equation 16, because there were simply too many errors in the equations. I therefore propose to reject the current version of the manuscript and that the authors carefully check all equations before resubmitting the manuscript.

More details in the attached pdf.

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Please also note the supplement to this comment:
https://www.geosci-model-dev-discuss.net/gmd-2017-257/gmd-2017-257-RC1-supplement.pdf

Interactive comment on Geosci. Model Dev. Discuss., https://doi.org/10.5194/gmd-2017-257, 2017.