

# ***Interactive comment on “Hydrological modelling and future runoff of the Damma Glacier CZO watershed using SWAT. Validation of the model in the greater area of the Göscheneralpsee, Switzerland” by Maria Andrianaki et al.***

**B. Schaefli (Editor)**

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Reviewer G. Thirel discusses that it is unclear what this paper contributes in terms of original research and states that "if the main additional value of the paper is the fact that SWAT works for this area, then this should be better highlighted and put into perspective with relevant literature".

I invite the authors to carefully answer this point. HESS does, in fact, not publish simple case studies, except so-called "cutting-edge-case studies" (see <https://www.hydrology->

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and-earth-system-sciences.net/about/manuscript\_types.html), which come with the obligation of publishing the used data:

"Cutting-edge case studies report on case studies that require (a) broadening the knowledge base in hydrology as well as (b) sharing the underlying data and models. These case studies should be cutting edge with respect to the quality and diversity of data provided, the soundness of the models employed, and the importance of the study objective. Peer reviews of a manuscript of this type will additionally evaluate whether this case study points out challenges for hydrological science and/or accurate/appropriate/innovative design and execution of challenging experiments. The data and models used for the article have to be made publicly available through an open data repository or as a supplement. (..)"

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