

Geosci. Model Dev. Discuss., chief editor comment CEC1  
<https://doi.org/10.5194/gmd-2021-407-CEC1>, 2022  
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## Comment on gmd-2021-407

Juan Antonio Añel

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Chief editor comment on "SnowClim v1.0: High-resolution snow model and data for the western United States" by Abby C. Lute et al., Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2021-407-CEC1>, 2022

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Dear authors,

After checking your manuscript and acknowledging your efforts to store the data in an open repository, we would like to request you upload your data to one of the alternative repositories listed in our policy ([https://www.geoscientific-model-development.net/policies/code\\_and\\_data\\_policy.html](https://www.geoscientific-model-development.net/policies/code_and_data_policy.html)). We understand the commitment that HydroShare can have for long-term archival; however, as it states in its webpage, it is subject to funding cycles of five years. This is not the kind of repository that we can accept.

Also, in line 100, you state that the SnowClim model is written in Matlab. Matlab is not a language but a proprietary system to interpret the code, and the language of the model is 'M'. If you use Matlab to run the model and perform your calculations, please, make explicit the version used. Take into account that SnowClim could be run using the FLOSS alternative GNU Octave if all the functions used in the model are fully 'compatible' with this other interpreter. Therefore, your statement is wrong. Please, modify it.

Regards,

Juan A. Añel

Geosc. Mod. Dev. Executive Editor