

Geosci. Model Dev. Discuss., author comment AC1
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Reply on CEC1

Anne M. Felden et al.

Author comment on "SUHMO: an adaptive mesh refinement SUBglacial Hydrology MOdel v1.0" by Anne M. Felden et al., Geosci. Model Dev. Discuss.,
<https://doi.org/10.5194/gmd-2022-190-AC1>, 2022

Dear Chief editor,

Thank you for bringing these issues to our attention. We apologize for the delay in getting this sorted out.

We have registered both SUHMO v1.0 (<https://doi.org/10.5281/zenodo.7045001>) and the forked version of Chombo v3.2 (<https://doi.org/10.5281/zenodo.7040610>) on Zenodo.

Note that SUHMO v1.0 has a modified BSD license.

Additionally, we have made available all inputs/run pre and post processing necessary to reproduce the data presented in the paper. There should be a python script at the root of each subfolder of the "exec" folder enabling one to launch the tests (all SHMIP test cases reported, the channelizing convergence analysis, and the AMR test cases of Section 6). Instructions to start with SUHMO and compile the code are available on the instruction manual, either under the "doc" folder or on the GitHub page (<https://ennadelfen.github.io/SUHMO/index>).

We again apologize for the delay and hope everything is now in order !