

2023-01-16

Submission egusphere-2022-1097

Thank you for your submission to be considered for publication in *The Cryosphere*. The authors addressed all main points in their review, which now includes a thorough evaluation of the E3SM land model. Some of the main criticism underlined the lack of discussion on peak SWE temporal variability at this scale and the linkages between snow geophysical properties and their impact on SWE and snow cover fraction.

In their response, the authors did include additional discussions that really improve the paper.

I therefore feel all main concerns have been addressed and the paper can be published.

Regards,

Prof. Dr. Alexandre Langlois

Associate editor, *The Cryosphere*