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Submission tc-2022-244

**Change in potential snowfall phenology: past, present, and future in Chinese
Tianshan mountainous region, Central Asia**

Xuemei Li et al.

Dear Dr. Li, thank you for your submission to be considered for publication in *The Cryosphere*. Both reviewers highlighted the importance of defining snowfall phenology, with some questions and comments mainly on methodology and definitions. After reading reviewer's comments and the provided answers, I think the main concerns were addressed and the final manuscript is significantly improved. The reviewers did a thorough job addressing all comments, especially on the motivation and methods that raised concerns for one reviewer. The provided response are clear and modifications to the paper do improve the overall scientific message.

I therefore am confident that main concerns raised by the reviewers have been addressed and the paper can be published.

Regards,

Prof. Dr. Alexandre Langlois

Associate editor, *The Cryosphere*