Submission EGOSPHERE-2024-3213

Evaluation of the Snow CCI Snow Covered Area Product within a Mountain Snow Water Equivalent Reanalysis

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One of the main comments from the reviewers focused on the motivation and how the their

snow CCI product complements existing similar approaches. This was addressed by the

authors working within the BSRF framework. It was also mentioned that the results were

not well described, or at least to the full potential reaching out to a wider audience as

suggested by one of the reviewers. The authors addressed this comment in detail, adding

significant amount of results interpretation in both the introduction and conclusion for a

more explicit understanding of the paper's objectives. Finally there was a comment about

the interpretation of R2 values and their interpretation, where a figure was modified in the

revised version facilitating the interpretation of temporal correlation using R2 values.

After reading the authors response, and my own reading of the paper, I consider that the

main comments were addressed. I'd like to thank the authors for providing a thorough

response to reviewers, as such the paper can now be published.

Prof. Dr. Alexandre Langlois

Associate editor, The Cryosphere