

Interactive comment on “seNorge_2018, daily precipitation and temperature datasets over Norway” by Cristian Lussana et al.

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Dear Reviewer,

We would like to thank the reviewer for the precious comments that will help us in improving the quality and readability of the manuscript. We are deeply grateful for that.

In general, We will revise the whole manuscript so to improve its readability. In particular, the issues raised by the reviewer will be addressed. The additional work we planned onto the manuscript will include:

- The quantification of the effective resolution for the precipitation field and its comparison with seNorge2

C1

- A step-by-step graphical representation of the precipitation spatial interpolation algorithm
- The quantification of the improvements due to the introduction of land area fraction in the analysis, as compared to seNorge2 (which does not use land area fraction)

The answers to the comments are attached as a pdf file.

Best Regards,

Cristian Lussana on behalf of all Co-Authors

Please also note the supplement to this comment:

<https://www.earth-syst-sci-data-discuss.net/essd-2019-43/essd-2019-43-AC1-supplement.pdf>

Interactive comment on Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2019-43>, 2019.

C2