Minor comments for tc-2016-122:

Page 3, line 16: BERMS seems to be part of another network, please clarify that in the text.

Page 4, lines 10-14: Please note already here, that you are using antifreeze in your Geonor gauges. It would also be helpful for the reader to give a specification of what kind of antifreeze and oil you are using.

Page 4, lines 22-29: I find it difficult to understand the "brute-force" filtering from the text.

You are eliminating negative changes. Are small positive changes (under threshold) eliminated or combined until they reach threshold? If eliminated, what do you combine? I think that an extra figure and a few more sentences here would help the reader tremendously, especially as this is topic of very broad interest.

Page 5, lines 27-28: add equation-symbol "f" to the sentence: ….between T_i and the rainfall fraction $\boldsymbol{f_r}$ is then applied to separate….

If you are not familiar with the method, it is difficult to understand that you are actually calculating directly the fraction of rainfall, as f is also widely used as "function of"

Page 6, lines 21-25 and Page 12, lines 10-15: You are not mentioning high-frequent noise which may be present on Geonor measurements and is often caused by electro-magnetic-disturbances. I think that should be mentioned as it is another typical Geonor-noise which needs to be dealt with.

Page 6, line26/27: Any idea why you experience significant declines due to evaporation even with an oil layer? Significant declines occurred only at one station – what was different here? Please clarify if you have more information on the possible causes.

Page 11, line 17: The sentence "The correction function for the Geonor-DFIR vs the Geonor-SA has been derived…" seems a bit out of context. Did you want to give that as an example? Please state so. Great that you are considering effect of various bias-correction methods

Page 13, line 7: …Overcollection of **solid** precipitation

Page 13, line 24: ….and Brown, T.: **Multi**-variable evaluation of ….

Page 22, line 4: To help the readers understanding: Rewrite sentence starting with "Blue points…" Please move the color-explanation directly to the two cases, something like "Cases where only one of the gauges did measure precipitation are extra marked: red circles for Pt>0 and Pg=0 and black circles for Pt=0, Pg>0"

Page 24, line 5: Please specify that the annual contribution is given in percentage of the corrected precipitation amount, as it also could be the number of events