

We thank the Anonymous reviewer for their last comment. We have addressed all minor comments as listed below. Our replies are highlighted in italics. We have also corrected Figure 6 as we had plotted partial correlation instead of the beta coefficient.

L35: replace “community” with “community’s”

done

L38: perhaps “...extreme melt in recent years”

*extreme melt **years** in recent years.*

L42: I would delete “multiple”

done

L69: I would replace “Despite” with “While”.

done

L73: Replace “until” with “through”

done

L93: Replace “we aim at investigating the Greenland” with “we investigate Greenland...”

done

L321: It is not clear to me what “monthly” is referring to here (Monthly time scales?, Causal links identified using monthly-mean time series?). Perhaps it could simply be deleted?

Deleted “monthly”

L385: Replace “has” with “have”

Done.

L602: Should “is” be “in”?

Yes, done.