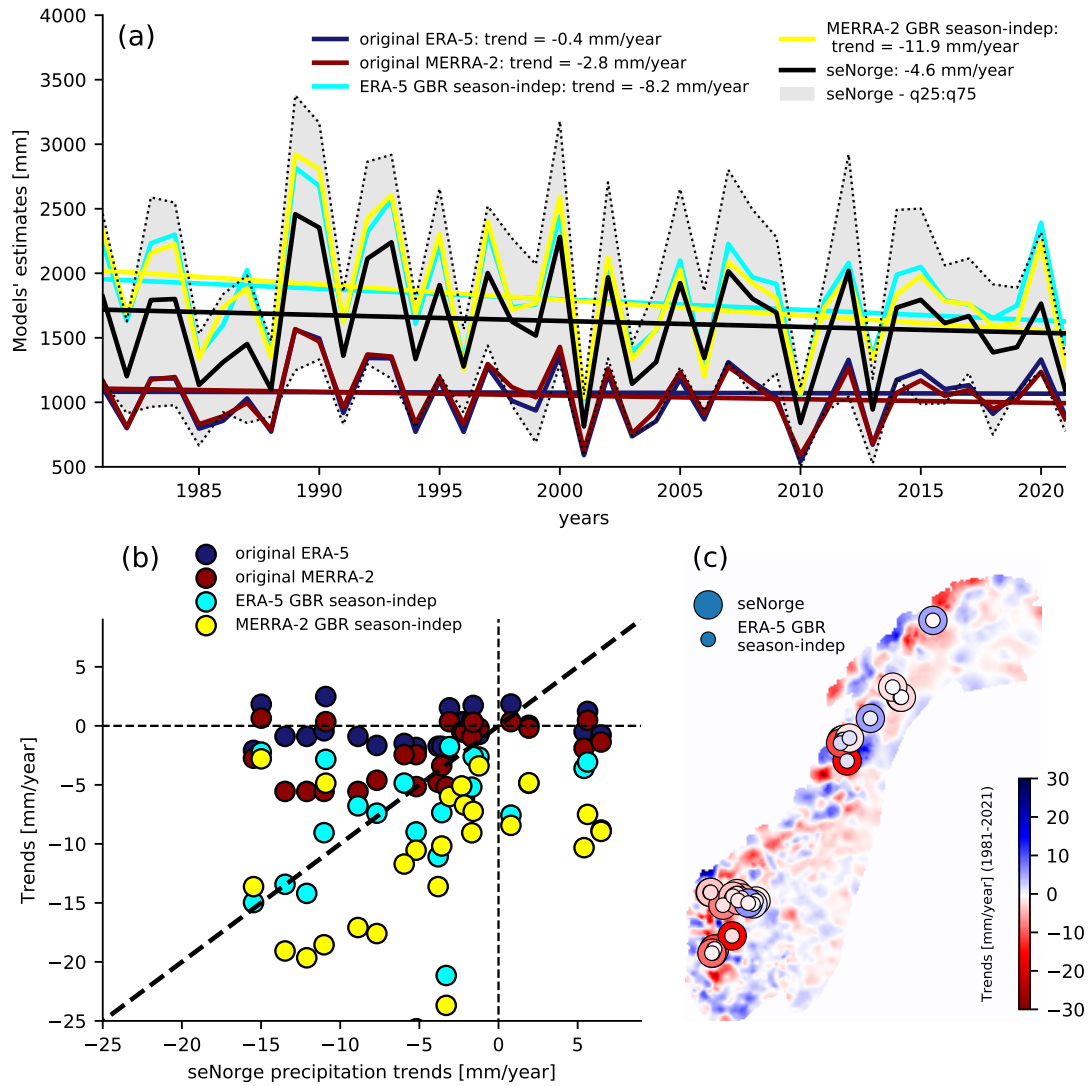


# 1 Supplemental Figures



**Figure S1:** Precipitation (SWE) trends obtained from the original reanalyses (season-independent GBRs) compared with the seNorge model in Norway over the period 1981-2021. (a) Yearly average of models' estimates for the Norwegian glaciers of the study. (b) Comparison between reanalysis-based trends and seNorge trends for each Norwegian glacier of the study. Both reanalysis and seNorge models indicate negative trends for the majority of the analyzed glaciers. (c) Map of seNorge trends, where trends on the analyzed glaciers are highlighted.