Figure S1. Timeseries of albedo.
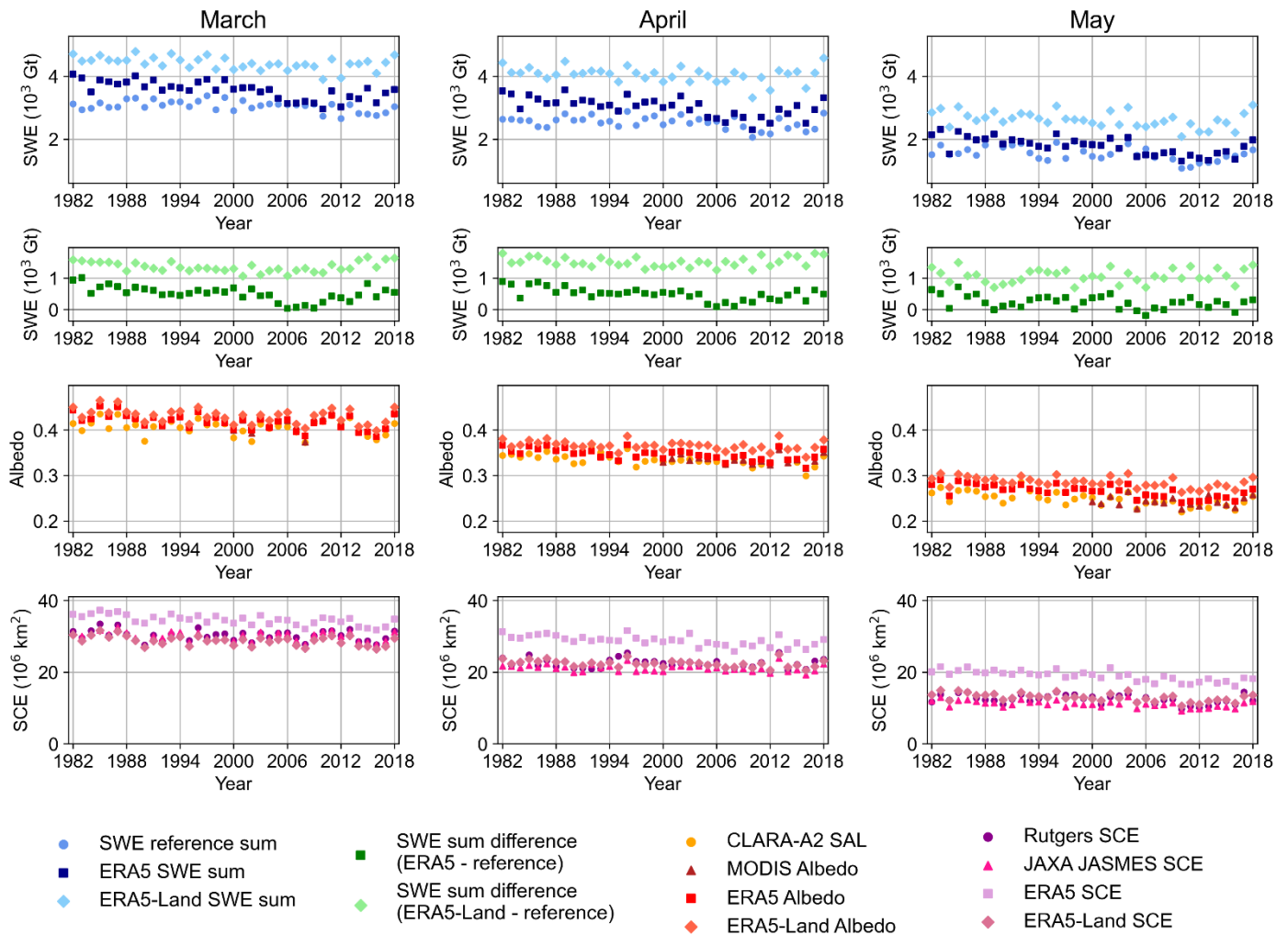
Figure S2. Timeseries of the non-mountainous regions in (left) March, (middle) April and (right) May for SWE sum (top row), difference in SWE sum (second row), albedo (third row) and SCE (bottom row).
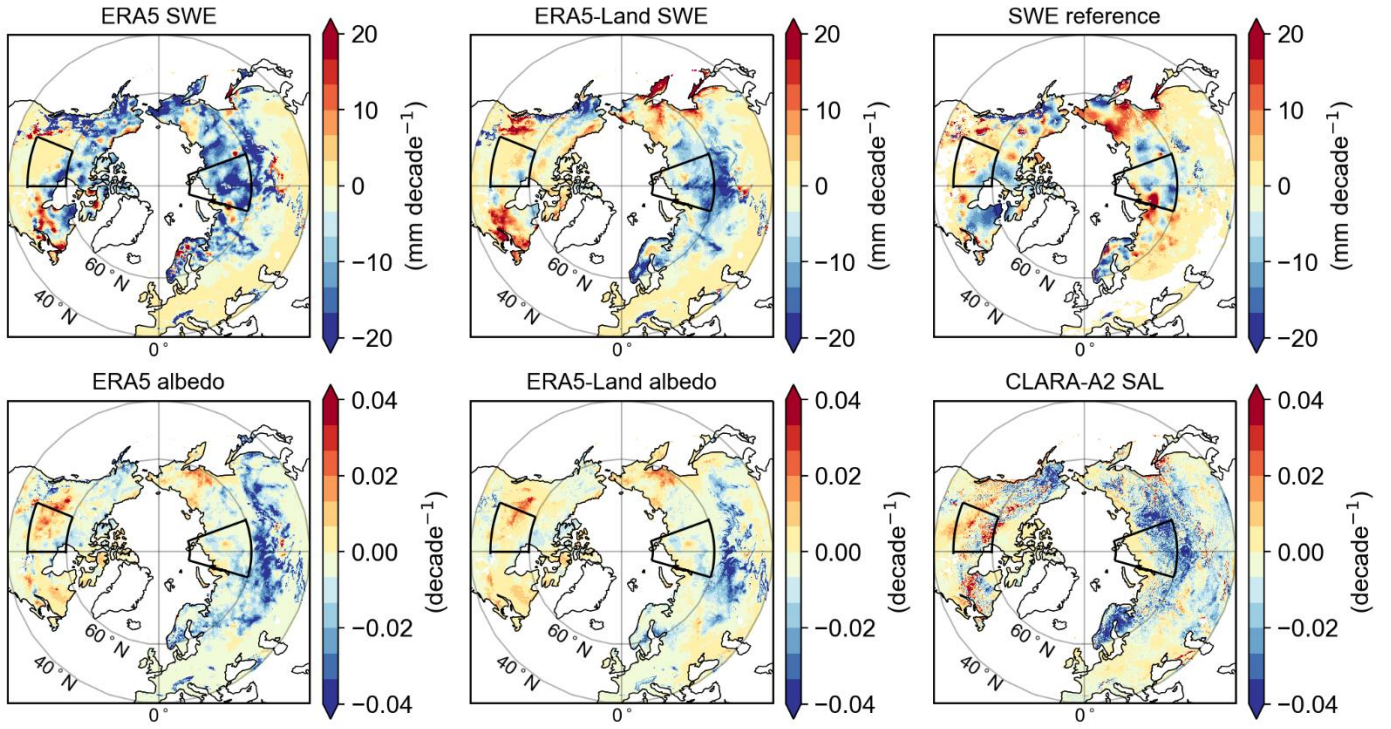
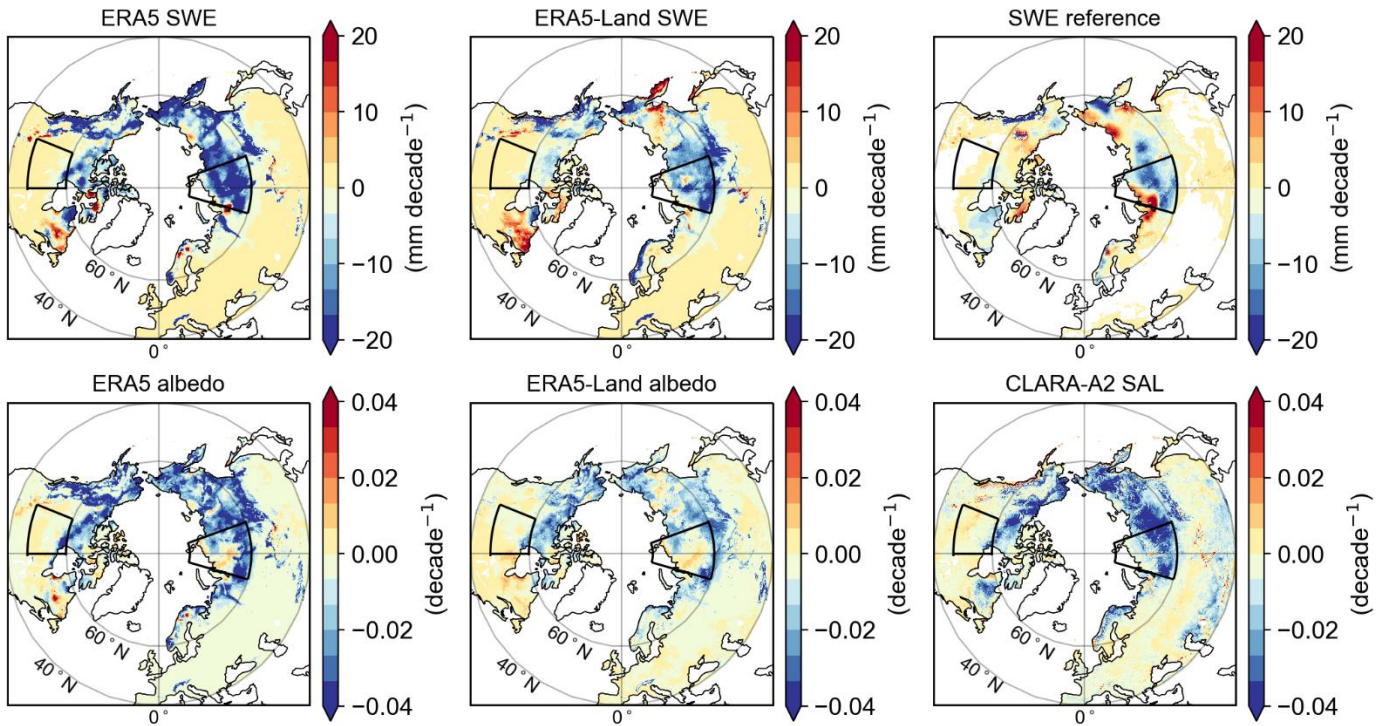**Figure S3. (top row) SWE trends in April 1982-2018. (bottom row) Albedo trends in April 1982-2018.**

Figure S4. (top row) SWE trends in May 1982-2018. (bottom row) Albedo trends in May 1982-2018.

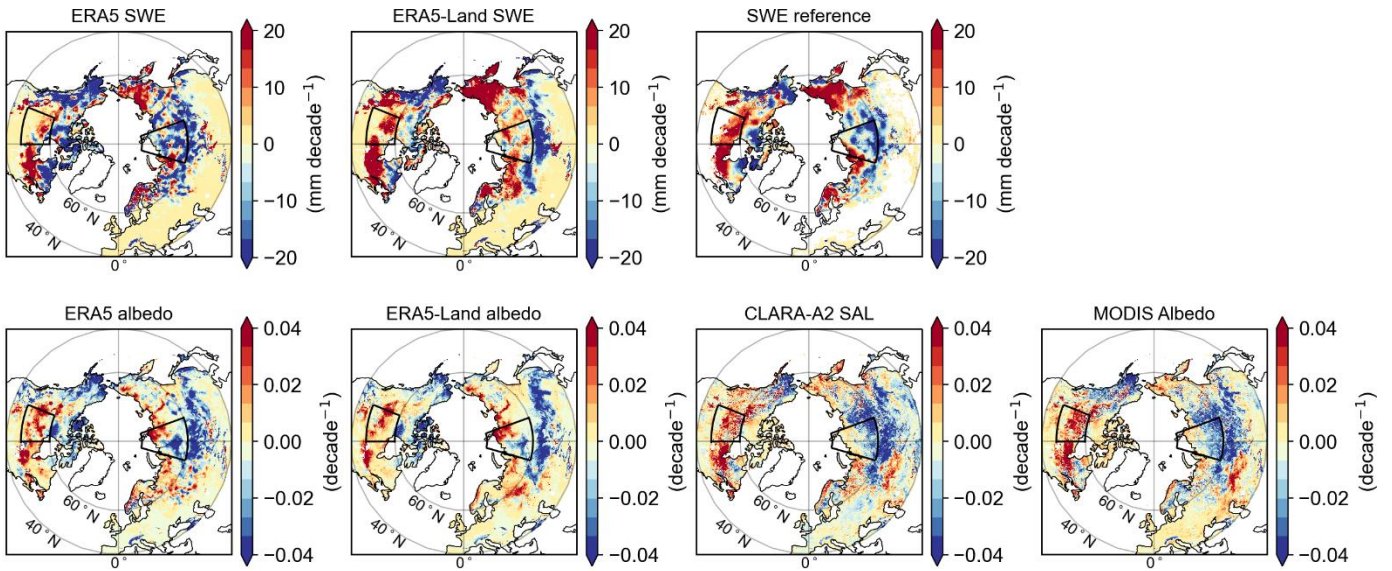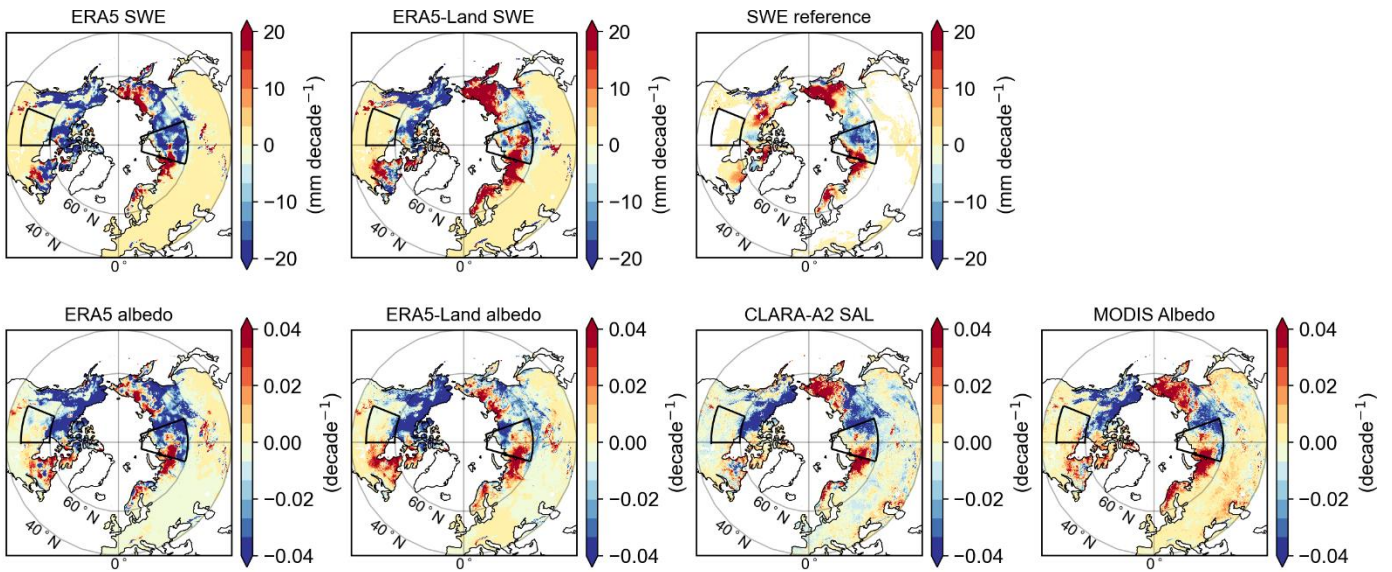**Figure S5. (top row) SWE trends in April 2000-2018. (bottom row) Albedo trends in April 2000-2018.**

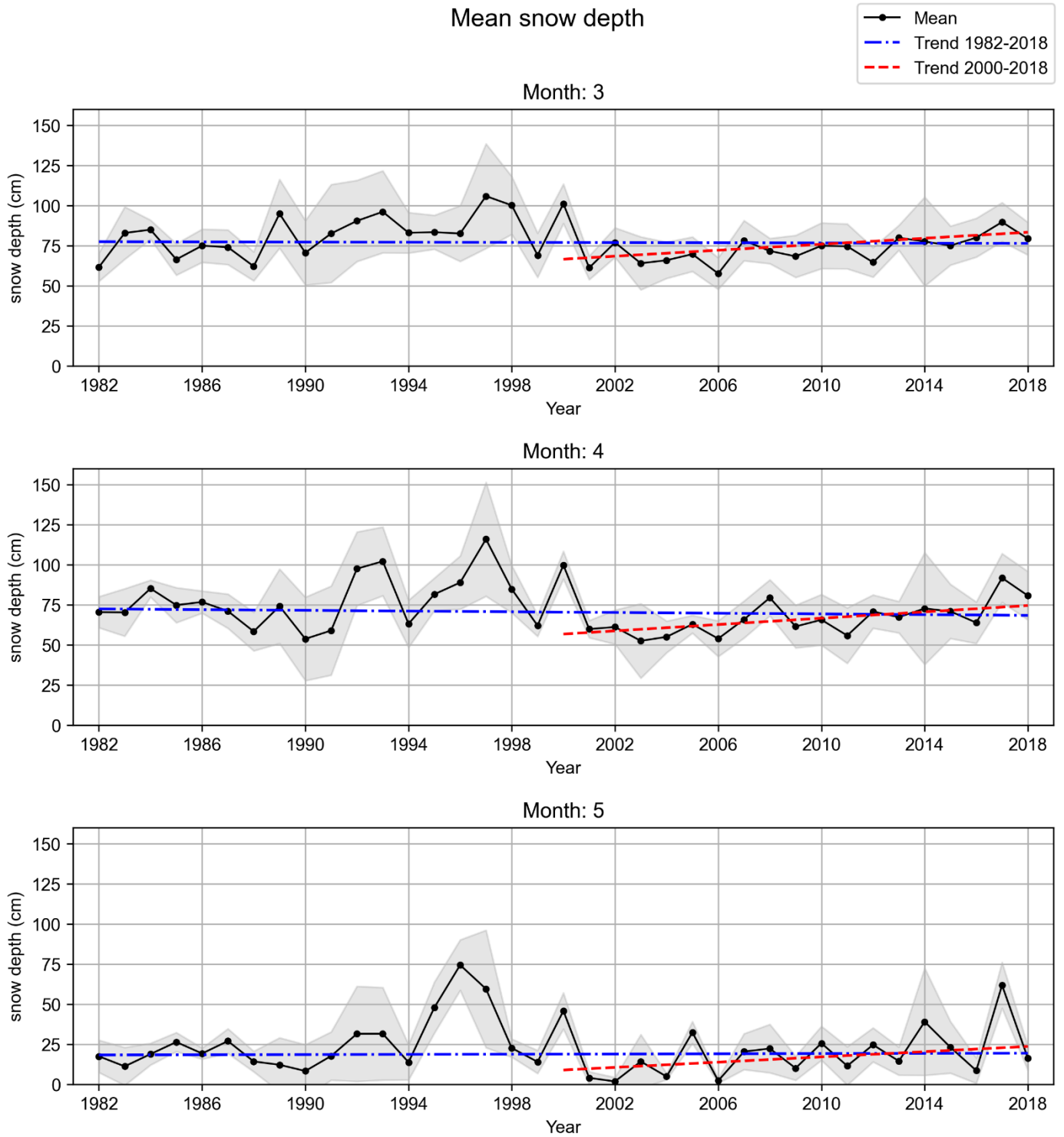**Figure S6. (top row) SWE trends in April 2000-2018. (bottom row) Albedo trends in April 2000-2018.**

Figure S7. Timeseries of mean in situ snow depth across Lapland. The shaded area is ±σ from the mean value. σ = standard deviation.