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*Supplement of*

**Soil moisture redistribution and its effect on inter-annual active layer temperature and thickness variations in a dry loess terrace in Adventdalen, Svalbard**

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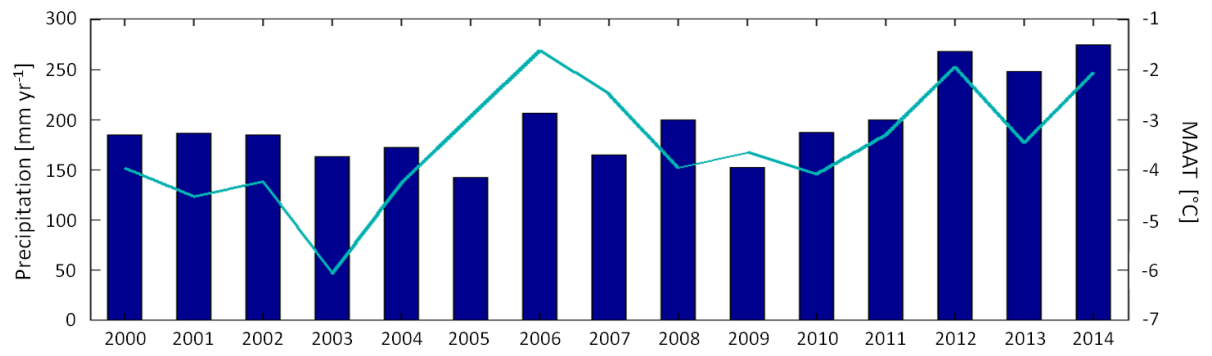


Figure S1: Mean annual precipitation [mm yr<sup>-1</sup>] (blue bars) and air temperature [°C] (cyan line) at Svalbard airport weather station between 2000 and 2014 (Data: Norwegian Meteorological Institute).