



Supplement of

Effects of drought on nitrogen turnover and abundances of ammonia-oxidizers in mountain grassland

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Supplement

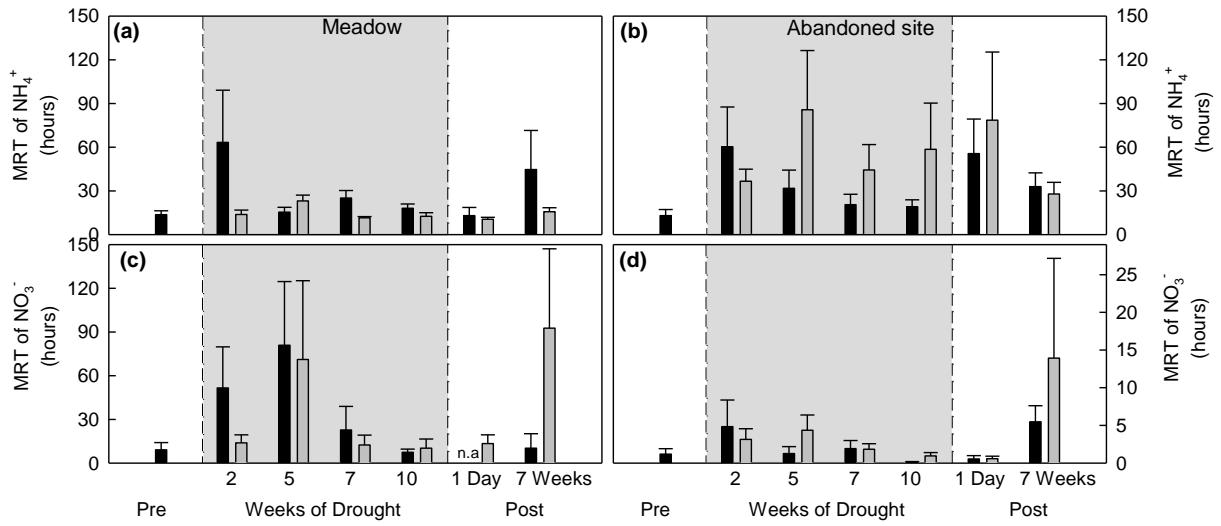


Figure S1. Mean residence times (MRT) of (a, b) NH_4^+ and (c, d) NO_3^- given in hours in soils of the meadow (left panel) and abandoned site (right panel) in control (black bars) and drought plots (grey bars). MRT was calculated by dividing the NH_4^+ and NO_3^- concentration by the respective gross immobilisation rate. The grey background indicates the period of drought treatment. Asterisks mark significant differences between control and drought at single sampling points assessed by t-tests ($n=4$, error bars indicate standard error). Note the different scaling of the y-axis in d.