

Quantification of the effect of environmental changes on the brownification of Lake Kukkia in southern Finland

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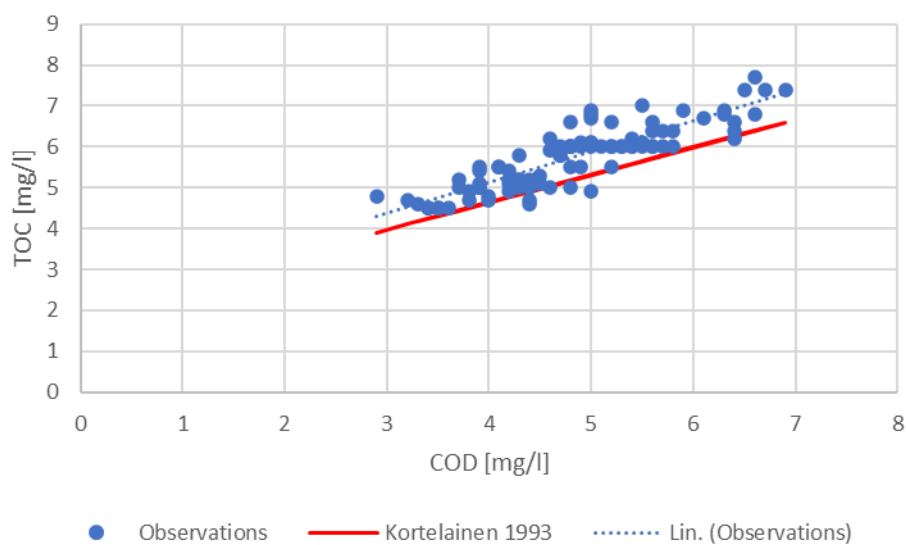


Figure S1. Relationship between COD and TOC observations in the lake Kukkia (n=90)

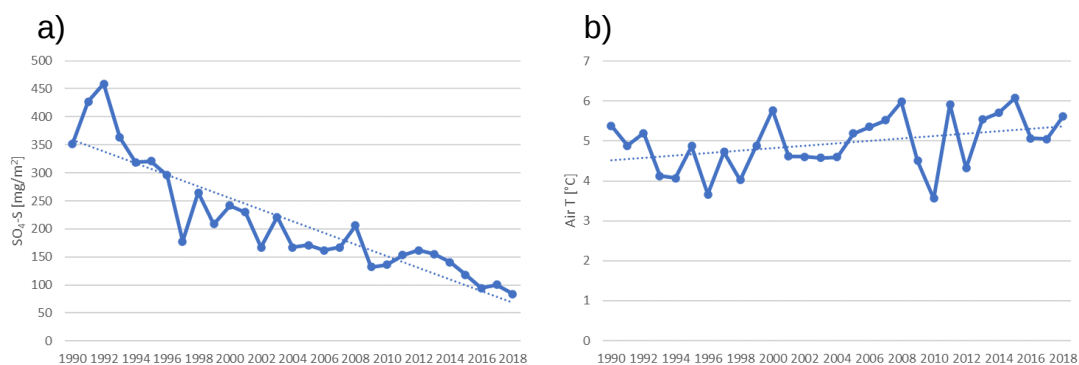
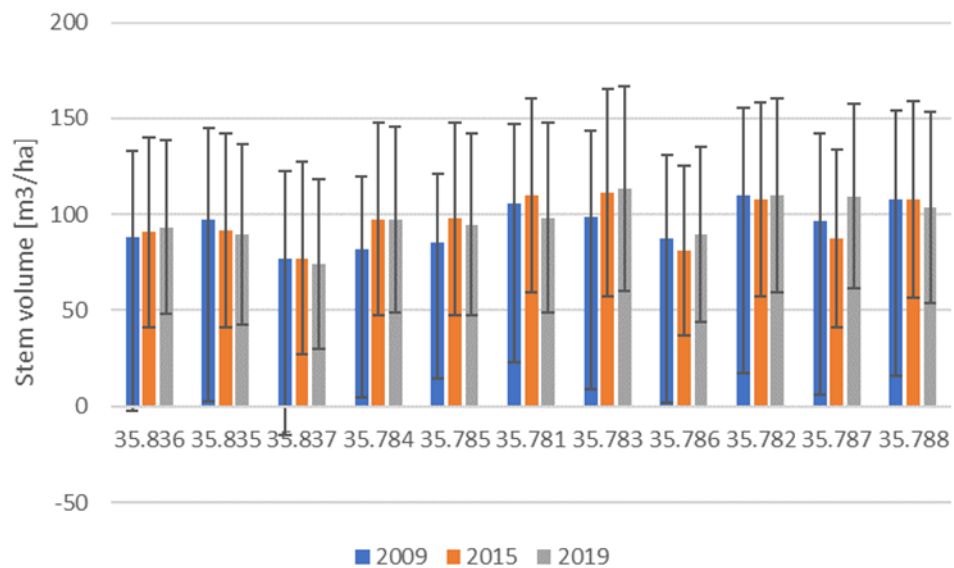


Figure S2. Observed trends in (a) $\text{SO}_4\text{-S}$ deposition and (b) annual mean air temperature

a)



b)

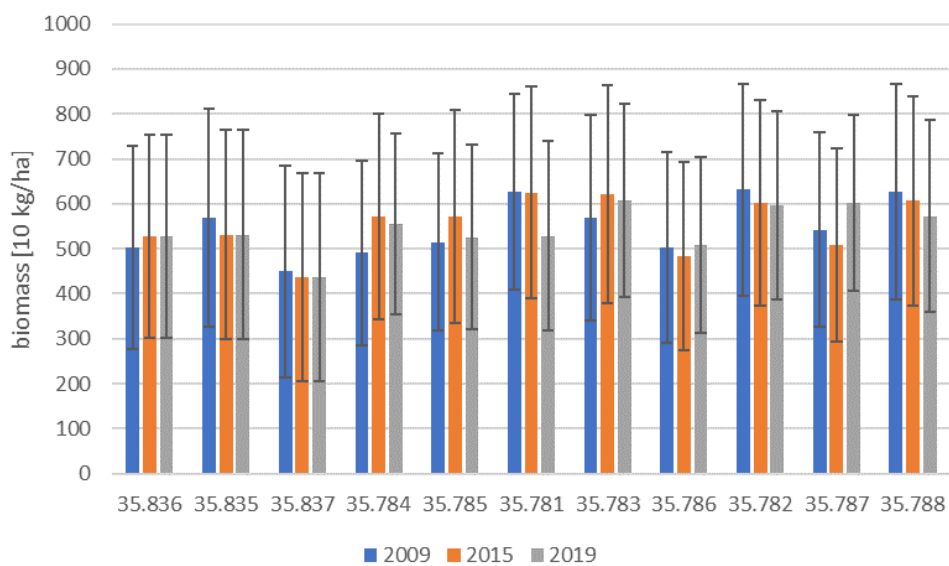


Figure S3. Spruce a) needle biomass; and b) stem volume in different sub basins

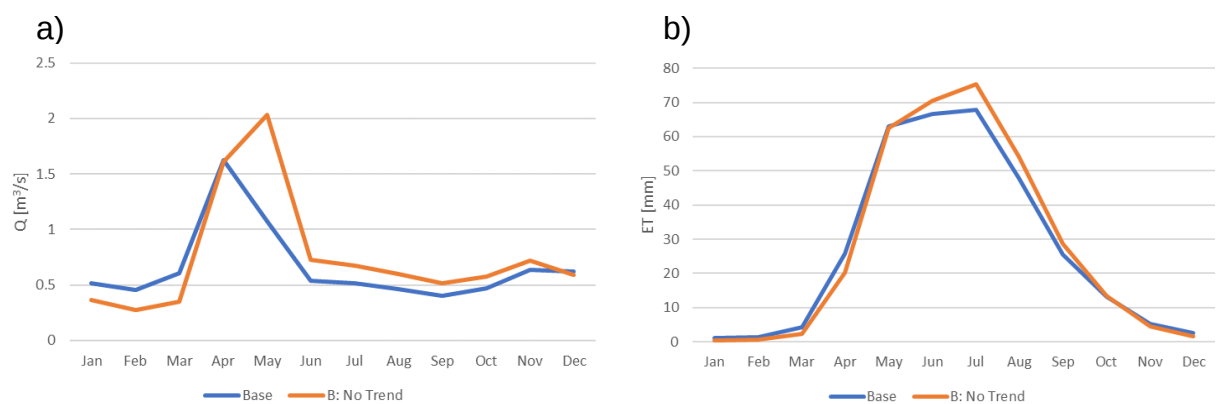


Figure S4. Timing of (a) peak discharge and (b) evapotranspiration at the Mustajoki catchment