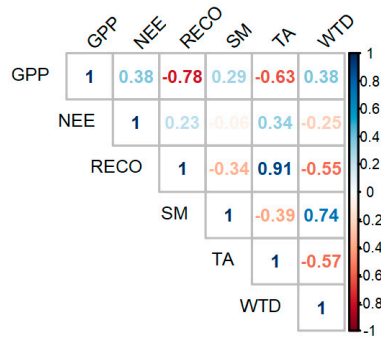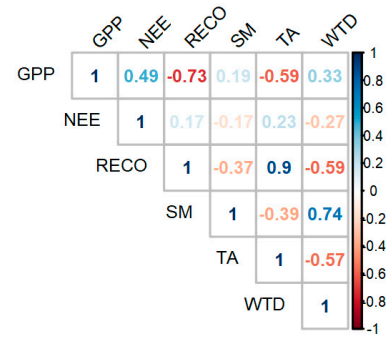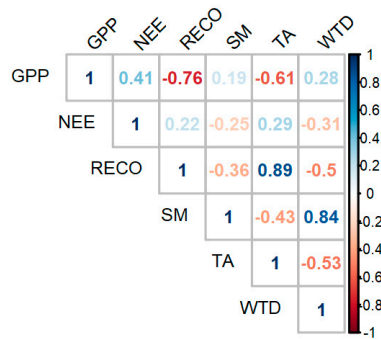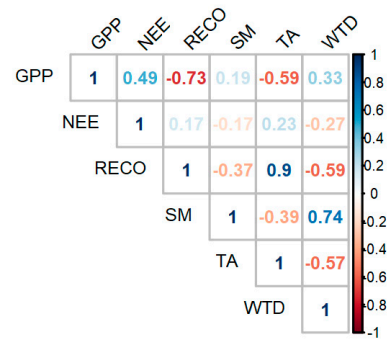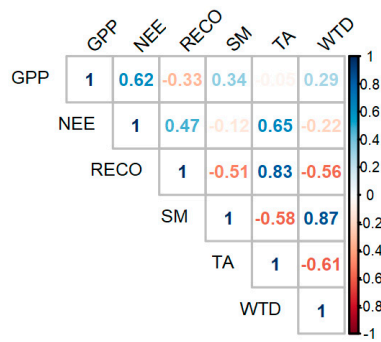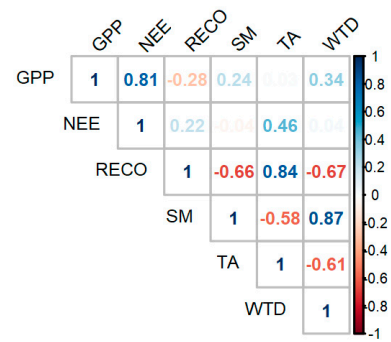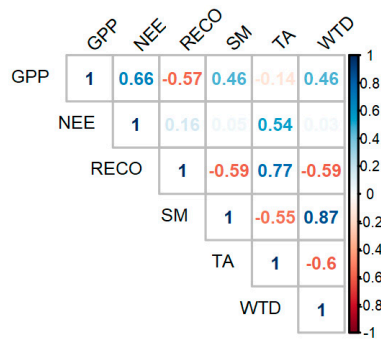Supplementary Materials



(a)



(b)



(c)



(d)

**Figure S1.** Spearman correlation matrix for daily values of GPP, Reco, NEE, soil moisture (SM), air temperature (TA) and water table depth (WTD) in 2021 for individual measurement plots: (**a**) HWL; (**b**) HWL_Si; (**c**) LWL; (**d**) LWL_Si.

**Figure S2.** Spearman correlation matrix for daily values for daily values of GPP, Reco, NEE, soil moisture (SM), air temperature (TA) and water table depth (WTD) in 2022 for individual measurement plots: (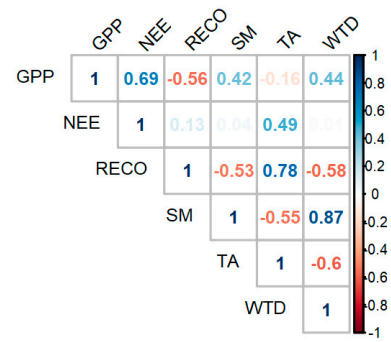a) HWL; (b) HWL_Si; (c) LWL; (d) LWL_Si.