

Supplementary Materials:

Table S1. Linear model results, daily averaged net ecosystem exchange (NEE), gross primary production (GPP) and ecosystem respiration (R_{eco}), as function of ambient temperature (T_a), evapotranspiration (ET), and normalized vegetation index (NDVI). Model estimates, standard errors (SE), and p-values: '***' $p < 0.001$, '**' $p < 0.05$, not significant (ns) $p > 0.05$.

	NEE			GPP			R_{eco}		
	Estimate	SE	p-value	Estimate	SE	p-value	Estimate	SE	p-value
(Intercept)	0.94	0.06	***	-0.50	0.05	***	0.45	0.04	***
T_a	0.064	0.008	***	0.146	0.007	***	0.221	0.006	***
ET	-11.1	0.6	***	14.9	0.6	***	3.6	0.5	***
NDVI	-3.0	0.2	***	4.7	0.1	***	2.1	0.1	***
Site (BERT)	-0.94	0.09	***	0.42	0.08	***	-0.43	0.06	***
Site (RIART)	-0.06	0.09	ns	-0.31	0.08	***	-0.56	0.07	***
$T_a \times \text{site (BERT)}$	0.02	0.01	ns	-0.113	0.009	***	-0.132	0.007	***
$T_a \times \text{site (RIART)}$	-0.019	0.009	*	-0.135	0.008	***	-0.165	0.007	***
ET \times site (BERT)	7.5	0.9	***	-14.9	0.6	***	-3.6	0.5	***
ET \times site (RIART)	6.0	0.8	***	-8.3	0.7	***	0.1	0.6	ns
NDVI \times site (BERT)	-2.0	0.3	***	2.8	0.2	***	1.0	0.2	***
NDVI \times site (RIART)	-3.4	0.2	***	2.0	0.2	***	-1.1	0.1	***
Adjusted R^2	0.44			0.68			0.59		

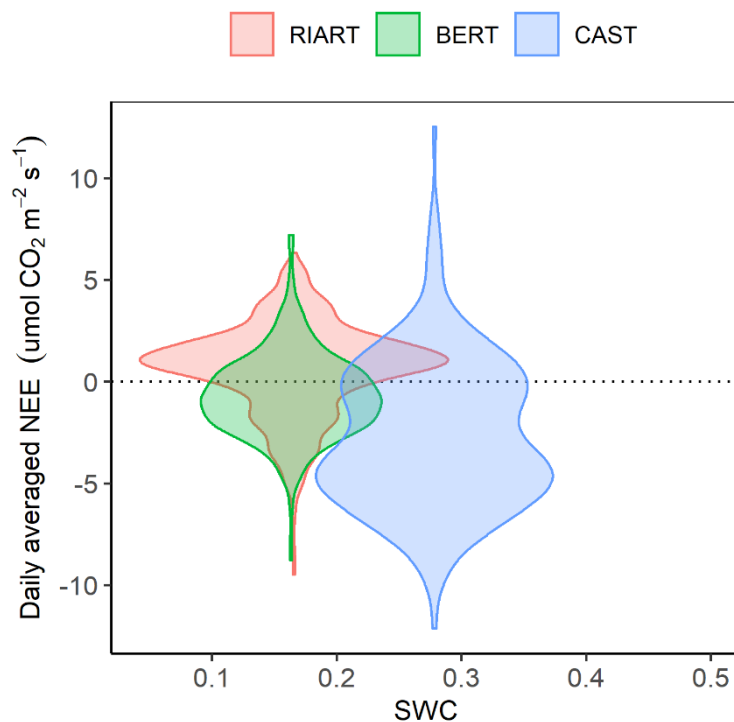


Figure S1 Data distribution, net ecosystem exchange (NEE) as function of soil water content (SWC).