

Supplementary Table S1.

Results of Pearson correlation analysis of physicochemical properties of soil samples. *Significantly correlated; SOC = soil organic carbon; BD = bulk density; MC = moisture content; pH = hydrogen ion concentration; EC = electric conductivity; Av. P = available phosphorus; TN = total nitrogen

Variable	SOC	<i>p</i> -value	BD	<i>p</i> -value	MC	<i>p</i> -value	pH	<i>p</i> -value	EC	<i>p</i> -value	Av. P	<i>p</i> -value	TN
SOC	1												
BD	-0.0891	0.3501	1										
MC	0.0869	0.3620	-0.2338	0.0130*	1								
pH	0.2039	0.0310*	-0.0937	0.3255	0.115	0.2272	1						
EC	0.2456	0.0090*	-0.2021	0.0325*	0.0159	0.8672	0.4352	<0.001***	1				
Av.P	0.3419	0.0002*	-0.0400	0.6747	-0.0215	0.8212	0.3142	0.0007*	0.3837	<0.001***	1		
TN	0.5364	<0.001***	-0.0786	0.4100	0.0125	0.8953	0.2802	0.0027*	0.3085	0.0009*	0.4725	<0.001***	1