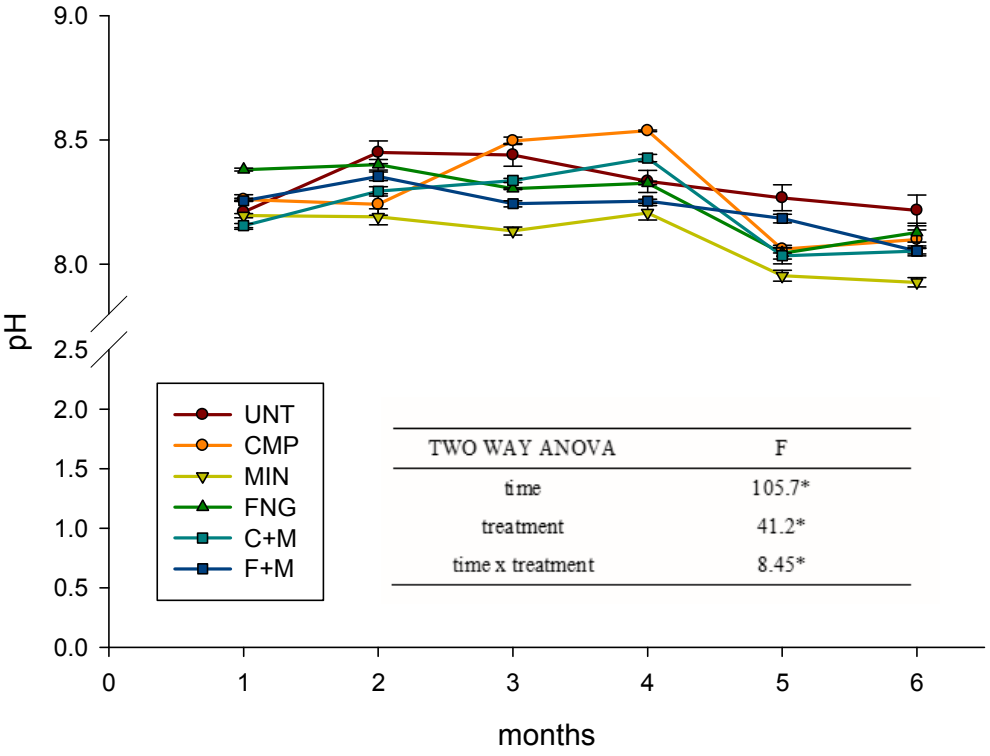
Figure S1 Mean values of pH in untreated soil (UNT), and in soils treated with biowaste compost (CMP), sewage sludge (FNG), compost plus mineral fertilizer (C+M), sewage sludge plus mineral fertilizer (F+M) and mineral fertilizer (MIN) during 6 months of incubation. The error bars represent the standard deviations. Two way ANOVA F-values evaluated for pH are also shown; asterisks indicate significant ($p < 0.001$) differences



TWO WAY ANOVA	F
time	105.7*
treatment	41.2*
time x treatment	8.45*

Figure S2 Mean values of PTE concentrations in untreated soil (UNT), and in soils treated with biowaste compost (CMP), sewage sludge (FNG), compost plus mineral fertilizer (C+M), sewage sludge plus mineral fertilizer (F+M) and mineral fertilizer (MIN) during 6 months of incubation. The error bars represent the standard deviations. Two way ANOVA F-values evaluated for the PTEs are also shown; asterisks indicate significant ($p < 0.001$) differences

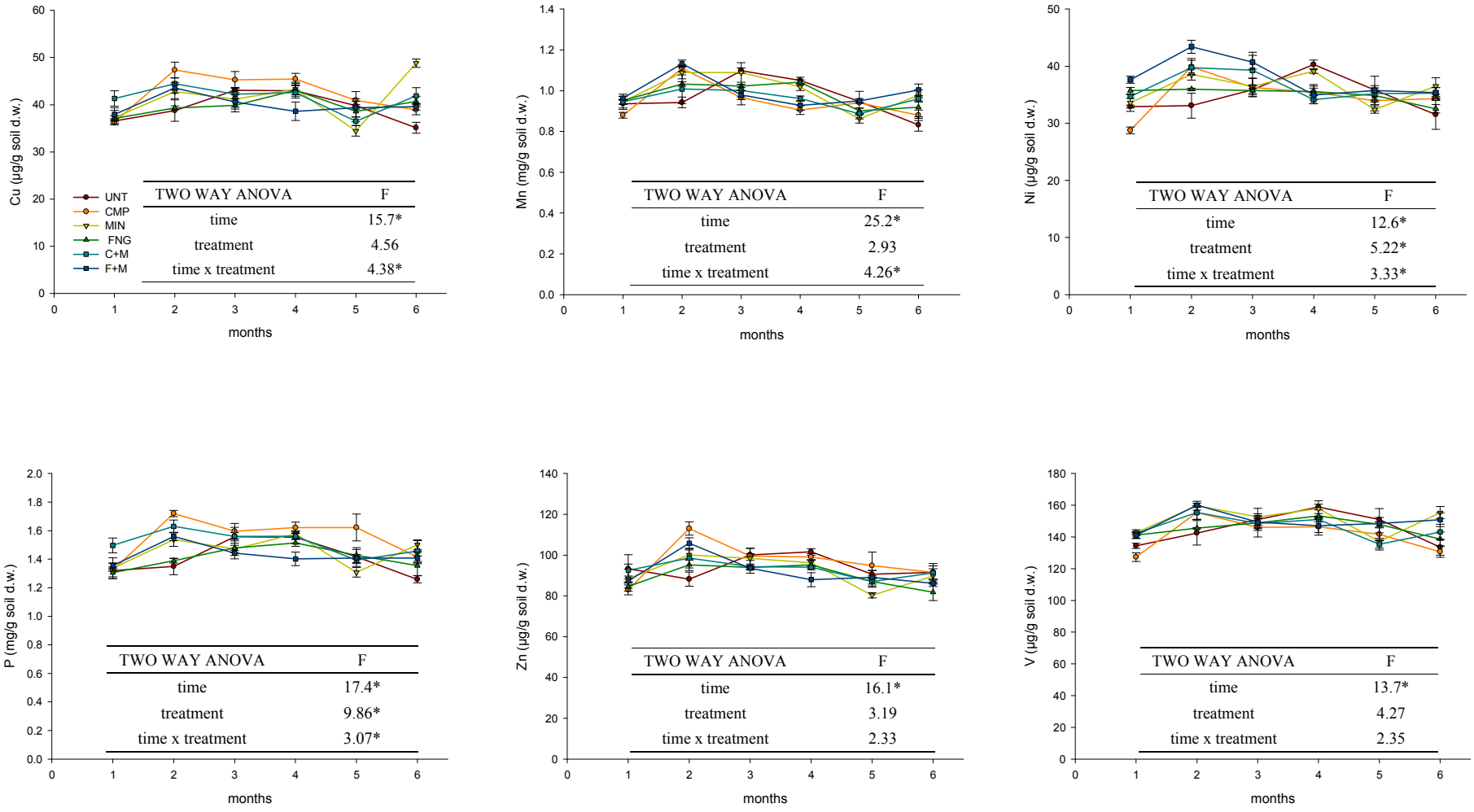


Table S1 Treatments, abbreviations and doses used in the mesocosms setup

Treatment	Abbreviation	Mass (g) added per mesocosm	Final dose (t/ha)
Control	UNT	-	-
Biowaste compost (BC)	CMP	494.0	30
Sewage sludge (SS)	FNG	987.5	5
Mineral fertilizer (MF)	MIN	6.6	0.3
Biowaste compost (BC) + Mineral fertilizer (MF)	C+M	297.0 BC + 3.3 MF	
Sewage sludge (SS) + Mineral fertilizer (MF)	F+M	493.7 SS + 3.3 MF	

Table S2 Pearson coefficients and P values (*** $p < 0.001$, ** $p < 0.01$, * $p < 0.05$) of correlations between PTE concentrations and biological parameters

	Respiration	Hydrolase	Phosphatase	ß-glucosidase	Microbial C	Microbial N
Cu	0.262*	0.0889	0.157	-0.132	-0.134	-0.0678
Mn	0.29**	0.228*	-0.0141	-0.294**	-0.183	-0.128
Ni	0.202*	0.0955	-0.035	-0.151	-0.299**	-0.178
P	0.282**	0.281**	0.284**	-0.0455	0.0263	-0.0412
V	0.122	0.0376	-0.172	-0.189	-0.361***	-0.322***
Zn	0.343***	0.305***	0.26**	-0.118	-0.0333	0.0542