

Additional File

Table S1. Percentages (unitless) of class distribution for pollution assessment of soil metals in Central China using geoaccumulation index.

	Cu	Cr	Cd	Zn	Pb	Hg	As
Central China							
unpolluted	68.6%	86.2%	37.8%	72.2%	62.2%	47.4%	59.1%
unpolluted to moderately polluted	28.6%	13.8%	24.3%	19.4%	21.6%	10.5%	18.2%
moderately polluted	2.9%	0.0%	8.1%	2.8%	10.8%	5.3%	9.1%
moderately to heavily polluted	0.0%	0.0%	13.5%	2.8%	2.7%	10.5%	13.6%
heavily polluted	0.0%	0.0%	2.7%	2.8%	2.7%	15.8%	0.0%
heavily to extremely polluted	0.0%	0.0%	2.7%	0.0%	0.0%	0.0%	0.0%
extremely polluted	0.0%	0.0%	10.8%	0.0%	0.0%	10.5%	0.0%
Henan Province							
unpolluted	0.0%	85.7%	0.0%	0.0%	12.5%	0.0%	0.0%
unpolluted to moderately polluted	100.0%	14.3%	0.0%	57.1%	25.0%	0.0%	37.5%
moderately polluted	0.0%	0.0%	0.0%	14.3%	50.0%	0.0%	25.0%
moderately to heavily polluted	0.0%	0.0%	25.0%	14.3%	0.0%	28.6%	37.5%
heavily polluted	0.0%	0.0%	12.5%	14.3%	12.5%	42.9%	0.0%
heavily to extremely polluted	0.0%	0.0%	12.5%	0.0%	0.0%	0.0%	0.0%
extremely polluted	0.0%	0.0%	50.0%	0.0%	0.0%	28.6%	0.0%
Hubei Province							
unpolluted	94.1%	100.0%	76.5%	100.0%	82.4%	85.7%	87.5%
unpolluted to moderately polluted	0.0%	0.0%	5.9%	0.0%	11.8%	14.3%	12.5%
moderately polluted	5.9%	0.0%	5.9%	0.0%	0.0%	0.0%	0.0%
moderately to heavily polluted	0.0%	0.0%	11.8%	0.0%	5.9%	0.0%	0.0%
heavily polluted	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
heavily to extremely polluted	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
extremely polluted	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Hunan Province							
unpolluted	72.7%	75.0%	8.3%	75.0%	66.7%	60.0%	100.0%
unpolluted to moderately polluted	27.3%	25.0%	66.7%	25.0%	33.3%	20.0%	0.0%
moderately polluted	0.0%	0.0%	16.7%	0.0%	0.0%	20.0%	0.0%
moderately to heavily polluted	0.0%	0.0%	8.3%	0.0%	0.0%	0.0%	0.0%
heavily polluted	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
heavily to extremely polluted	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
extremely polluted	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%