

Supporting information

Table S1. The values (mean±SE) of soil nematode maturity index, plant-parasite index, enrichment index, structure index, bacterivore index, channel index and metabolic footprint index of four land-use types (i.e. forage land, cropland, secondary forest and grass-shrubland).

Soil nematode variable	Land-use type			
	Forage-land	Cropland	Secondary forest	Grass-shrubland
Maturity index	2.74±0.13	2.54±0.17	2.6±0.05	2.6±0.09
Plant-parasite index	2.67±0.33 b	2.95±0.05 b	2.94±0.06 b	3.11±0.04 a
Enrichment index	37.6±2.2	42.5±2.1	36.8±5.1	40.7±2.7
Structure index	73.0±6.2	61.7±9.4	69.4±2.6	68.2±6.3
Bacterivore index	100.0±0.0	75.2±8.6	76.6±4.8	83.3±9.6
Channel index	100.0±0.0	77.4±9.6	66.5±10.7	88.0±7.5
Metabolic footprint index	24.8±3.9	48.2±15.1	50.0±5.1	52.1±9.8

One-way ANOVA was used to determine the effects of land-use types. Means followed by different letters in the same row are significantly different ($p < 0.05$) according to the LSD test. Means in rows without letters are not significantly different.