KiM0

Gravel, siliceous carbonate-poor, intermediate

General parameters

Area	67.19 km2
Percentage on total forest mapped area	1.38 %

Physics - mean values of all considered profiles (21)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	15 ± 20	124 ± 61
15-30	20 ± 20	
30-60	35 ± 25	
60-100	45 ± 30	

Chemistry - stock of available profiles (2)

Ctot	Ntot	Ca	Mg	K	P
t/ha	kg/ha	kg/ha	kg/ha	kg/ha	kg/ha
110.68	8.46	9269	1989.63	196.25	1362.4

All stock values, 0-80 cm including humus layers (F,H), are short term available, except for phosphorus, which has long term availability

Chemistry - mean values of all considered profiles (9)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	Ca/BC	Mg/BC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-10	180.34	74.86	0.81	0.15	0.27	4.83	17.89	5.14
10-20	115.74	72.17	0.7	0.24	0.14	2.02	14.43	5.51
20-40	78.82	79.09	0.68	0.27	0.1	1.09	10.9	5.93
40-80	78.78	90.43	0.7	0.27	0.08	1.1	13.75	6.67

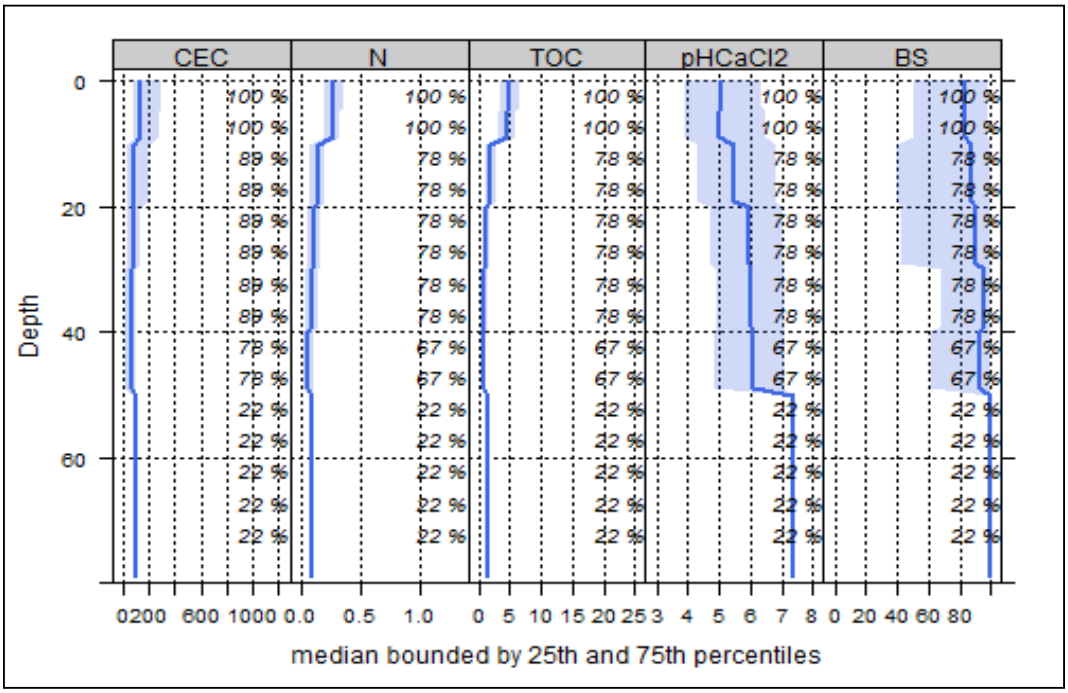
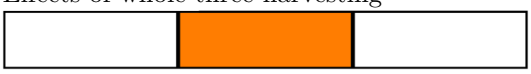


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%)

Biomass use

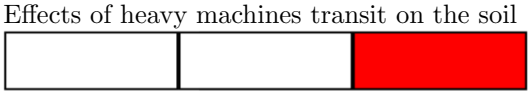
Effects of whole three harvesting



Intermediate negative effects

Compaction risk

Effects of heavy machines transit on the soil



Locations at risk