

General parameters

Area	79.96 km ²
Percentage on total forest mapped area	1.65 %

Physics - mean values of all considered profiles (18)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m ²]
0-15	15 ± 15	136 ± 53
15-30	25 ± 20	
30-60	30 ± 25	
60-100	35 ± 25	

Chemistry - stock of available profiles (0)

Ctot	Ntot	Ca	Mg	K	P
t/ha	kg/ha	kg/ha	kg/ha	kg/ha	kg/ha

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	pH _{CaCl2}
0-10	174.42	40.04	0.61	0.3	0.46	6.46	14.04	3.91
10-20	72.52	17.23	0.6	0.27	0.17	2.79	16.41	3.96
20-40	63	36.68	0.63	0.24	0.17	2.3	13.53	4.55
40-80	83.8	39.1	0.68	0.21	0.22	2.71	12.32	4.62

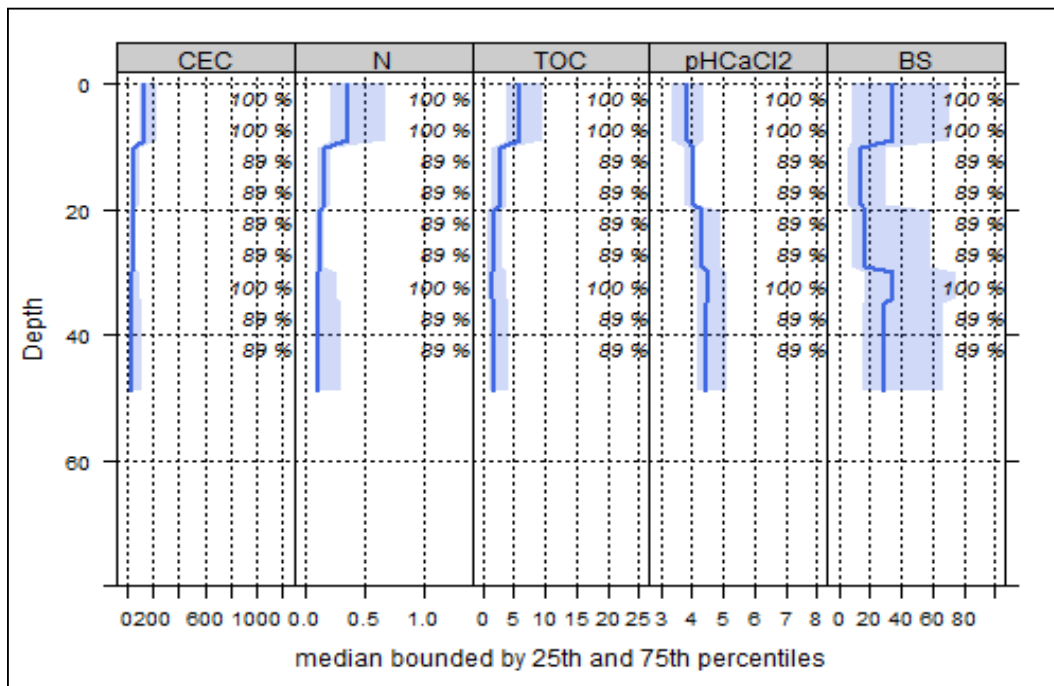
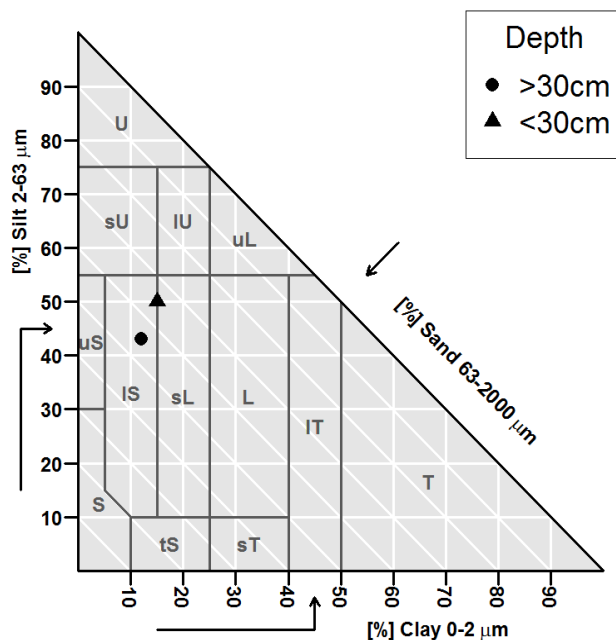


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%)

Biomass use

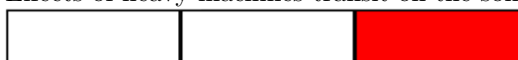
Effects of whole three harvesting



Intermediate negative effects

Compaction risk

Effects of heavy machines transit on the soil



Locations at risk