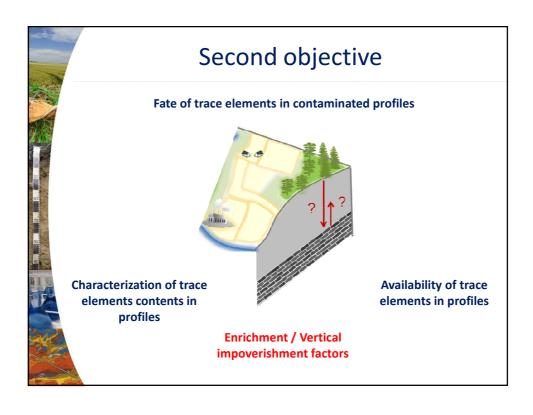
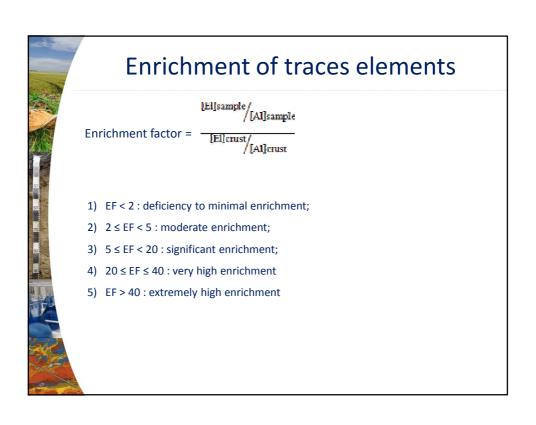
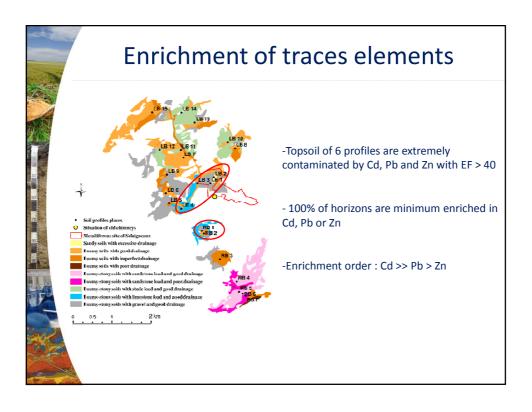
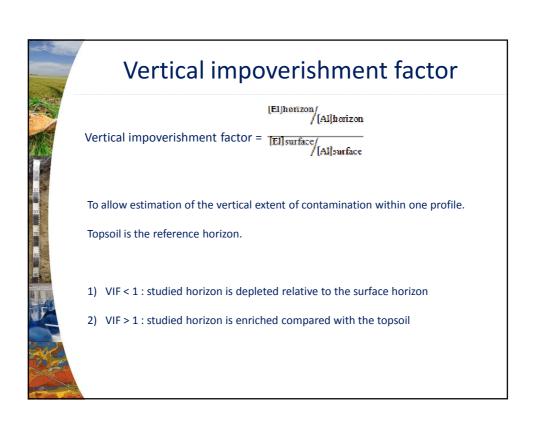


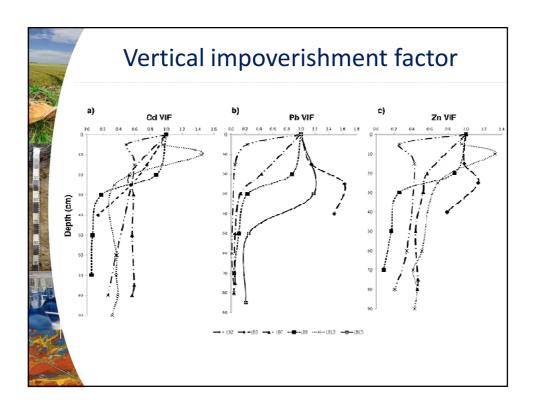
C	Conte	ent	of t	rac	es e	elen	nen	its
Soil parameters	Samples N	Ain N	Max M	Iean N	1edian S	D C	V(%)	
Cd	Surface	0.66	63.5	8.34	2.42	15.8	190	
	Depth	0.66	12.6	2.25	0.66	3.86	172	
	Profile	0.66	63.5	5.33	0.98	11.0	207	
Co	Surface	4.10	23.0	11.9	11.2	4.30	36.1	
	Depth	0.41	27.0	11.4	11.4	5.54	48.7	
	Profile	0.41	27.0	11.9	11.8	4.75	39.8	
Cr	Surface	3.40	44.0	26.8	26.5	7.94	29.6	
	Depth	1.22	37.0	24.7	24.5	8.93	36.2	
	Profile	1.22	44.0	24.9	25.0	8.20	33.0	
Cu	Surface	8.63	189	34.5	18.1	42.3	123	
	Depth	4.05	32.8	16.2	16.2	5.91	36.4	
	Profile	3.46	189	22.7	16.6	23.7	105	
Mn	Surface	122	2798	874	780	536	61.3	
	Depth	27.0	1457	619	730	367	59.3	
	Profile	25.0	2798	715	737	414	57.9	
Ni	Surface	8.10	75.3	26.8	24.0	14.3	53.3	
	Depth	2.30	57.0	31.3	30.3	13.9	44.4	
	Profile	2.30	75.3	30.9	30.7	14.6	47.2	
Pb	Surface	23.0	5084	688	115	1225	178	
	Depth	6.00	10521	554	28.0	2233	403	
	Profile	6.00	10521	565	79.0	1695	300	High contents
Zn	Surface	99.0	3774	774	322	1037	134	
	Depth	43.0	3785	435	166	799	184	Normal contents
Unit: mg/kg	Profile	41.7	4038	531	203	896	169	riorma contents

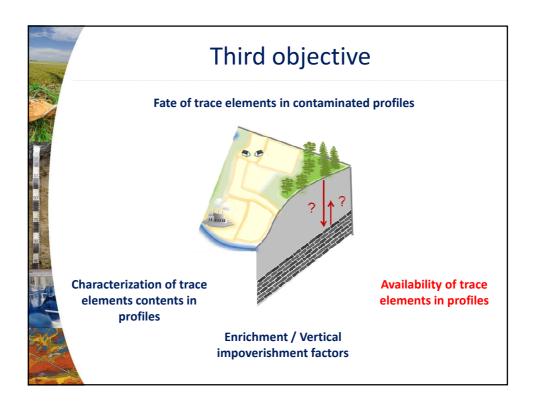














Availability ratio (AR) =  $\frac{Ca}{Ct} \times 10^2$ 

→ Percentage of available fraction to total metal concentration in soil

	рНксі	TOC	Cd AR	Pb AR
TOC	0.163			
Cd AR	0.204	0.331 **		
Pb AR	0.287 **	0.501 ***	0.480 ***	
Zn AR	0.248 *	0.499 ***	0.546 ***	0.620 ***

(N = 85) (\* p < 0.05, \*\* p < 0.01 and \*\*\* p < 0.001) TOC : total organic carbone

