

Database

reference	Latitude [°]	Longitude [°]	Altitude [m.a.s.l.]	land use	MAP [mm yr-1]	MAT [°C]	KG climate	top or subsoil	BDD [g cm-3]	SOC [%]	clay content [%]	pH	fire frequency	method	fire return interval [yr]	Pyro me	PyC [wt % of SOC]
(Agarwal and Bucheli, 2011)	28.6	77.2	0-500	urban	790	25.1	C	complete	NA	1.65	NA	NA	NA	CTO 375	1 to 30	2	12
	28.6	77.2	0-500	agriculture	790	25.1	C	complete	NA	0.8	NA	NA	NA	CTO 375	1 to 30	2	14.5
	28.6	77.2	0-500	grass	790	25.1	C	complete	NA	0.85	NA	NA	NA	CTO 375	1 to 30	2	14.5
	47	8	0-500	agriculture	1250	8	C	complete	NA	2.5	NA	NA	NA	CTO 375	NA	NA	4
	47	8	0-500	grass	1250	8	C	complete	NA	4	NA	NA	NA	CTO 375	>100	NA	3.8
	47	8	0-500	forest	1250	8	C	complete	NA	4	NA	NA	NA	CTO 375	<1	NA	3.2
	47	8	0-500	grass	1250	8	C	complete	NA	5.5	NA	NA	NA	CTO 375	<1	NA	2.6
	47	8	0-500	forest	1250	8	C	complete	NA	7.1	NA	NA	NA	CTO 375	1 to 30	NA	2.3
	46.32	6.97	0-500	agriculture	1379	10.1	C	complete	NA	0.5	NA	4.6	NA	CTO 375	30 to 100	NA	14
	46.77	6.64	0-500	urban	1150	11	C	complete	NA	35	NA	4.5	NA	CTO 375	1 to 30	NA	6
	47.7	8.63	0-500	forest	863	7.8	C	complete	NA	1.5	NA	4.5	NA	CTO 375	1 to 30	NA	7
(Andreeva et al., 2011)	52.33	109.7 9	500-1000	NA	250	-5	D	topsoil	NA	NA	NA	NA	NA	BPCA	30 to 100	4	32.9
	52.5	111.5 3	500-1000	grass	300	-5	D	topsoil	NA	NA	NA	NA	NA	BPCA	30 to 100	4	40.3
(Ansley et al., 2006)	34	-99.33	0-500	grass	665	16.9	C	subsoil	NA	0.77	43	4.4	NA	UV Oxidation	1 to 30	2	14
	34	-99.33	0-500	grass	665	16.9	C	topsoil	NA	1.27	32	3.9	high	UV Oxidation	<1	2	14
	34	-99.33	0-500	grass	665	16.9	C	topsoil	NA	0.98	32	4.8	high	UV Oxidation	30 to 100	2	17
	34	-99.33	0-500	grass	665	16.9	C	subsoil	NA	0.77	43	5.5	high	UV Oxidation	30 to 100	2	16
	34	-99.33	0-500	grass	665	16.9	C	subsoil	NA	0.81	43	5.5	high	UV Oxidation	30 to 100	2	13
	34	-99.33	0-500	grass	665	16.9	C	topsoil	NA	0.94	32	4.4	NA	UV Oxidation	30 to 100	2	13
(Boot et al., 2014)	40	105	>2000	forest	NA	NA	B	topsoil	NA	2.88	NA	NA	medium	BPCA	<1	NA	3.41
	40	105	>2000	forest	NA	NA	B	subsoil	NA	1.26	NA	NA	medium	BPCA	<1	NA	2.5

	40	105	>2000	forest	NA	NA	B	subsoil	NA	1.32	NA	NA	medium	BPCA	<1	NA	3.18
	40	105	>2000	forest	NA	NA	B	topsoil	NA	3.09	NA	NA	medium	BPCA	<1	NA	3.18
	40	105	>2000	forest	NA	NA	B	topsoil	NA	2.32	NA	NA	medium	BPCA	<1	NA	2.95
	40	105	>2000	forest	NA	NA	B	subsoil	NA	1.72	NA	NA	medium	BPCA	<1	NA	2.27
(Brodowski et al., 2005)	-3.6	-55.03	0-500	forest	2050	26.5	A	topsoil	NA	1.44	NA	NA	NA	BPCA	30 to 100	NA	4.49
	49.7	43.65	0-500	NA	300	6	D	subsoil	NA	2.29	NA	NA	NA	BPCA	30 to 100	5	14.8
	51.64	36.18	0-500	grass	573	5.3	D	topsoil	NA	5.64	NA	8.1	NA	BPCA	30 to 100	2	11.19
(Brodowski et al., 2007)	48.36	13.2	0-500	agriculture	890	8.2	C	subsoil	NA	0.31	NA	5.5	NA	BPCA	<1	NA	12.42
	48.36	13.2	0-500	agriculture	890	8.2	C	subsoil	NA	0.52	NA	6.6	NA	BPCA	<1	NA	8.54
	48.36	13.2	0-500	agriculture	890	8.2	C	subsoil	NA	1.31	NA	6.7	NA	BPCA	<1	NA	4.2
	48.36	13.2	0-500	agriculture	890	8.2	C	subsoil	NA	0.77	NA	6.6	NA	BPCA	<1	NA	6.79
	48.36	13.2	0-500	agriculture	890	8.2	C	topsoil	NA	2.5	NA	5.7	NA	BPCA	<1	NA	2.68
	51.37	11.83	0-500	agriculture	480	8.7	C	subsoil	NA	0.14	NA	6.8	NA	BPCA	1 to 30	2	31.47
	51.37	11.83	0-500	agriculture	480	8.7	C	subsoil	NA	0.32	NA	6.8	NA	BPCA	1 to 30	2	19.63
	51.37	11.83	0-500	agriculture	480	8.7	C	topsoil	NA	2.04	NA	NA	NA	BPCA	<1	2	14.22
	51.37	11.83	0-500	agriculture	480	8.7	C	subsoil	NA	1.89	NA	NA	NA	BPCA	1 to 30	2	13.58
	51.37	11.83	0-500	agriculture	480	8.7	C	subsoil	NA	1.84	NA	NA	NA	BPCA	1 to 30	2	13.17
	51.37	11.83	0-500	agriculture	480	8.7	C	subsoil	NA	1.05	NA	NA	NA	BPCA	1 to 30	2	13.11
	51.37	11.29	0-500	agriculture	480	8.8	C	subsoil	NA	0.21	NA	6.4	NA	BPCA	<1	NA	23.81
	51.37	11.29	0-500	agriculture	480	8.8	C	subsoil	NA	0.23	NA	6.4	NA	BPCA	<1	NA	25.22
	51.37	11.29	0-500	agriculture	480	8.8	C	subsoil	NA	0.27	NA	7.3	NA	BPCA	<1	NA	13.53
	51.37	11.29	0-500	agriculture	480	8.8	C	subsoil	NA	0.44	NA	7.1	NA	BPCA	<1	NA	13.18
	51.37	11.29	0-500	agriculture	480	8.8	C	topsoil	NA	1.33	NA	6.8	NA	BPCA	<1	NA	12.14
	51.37	11.29	0-500	agriculture	480	8.8	C	subsoil	NA	0.9	NA	7.1	NA	BPCA	<1	NA	10.52
	51.48	11.97	0-500	agriculture	490	9	C	subsoil	NA	0.11	NA	5.7	NA	BPCA	1 to 30	2	50
	51.48	11.97	0-500	agriculture	490	9	C	subsoil	NA	0.26	NA	5.6	NA	BPCA	1 to 30	2	19.77

	51.48	11.97	0-500	agriculture	490	9	C	subsoil	NA	0.57	NA	7.6	NA	BPCA	1 to 30	2	13.27
	51.48	11.97	0-500	agriculture	490	9	C	subsoil	NA	0.53	NA	5.6	NA	BPCA	1 to 30	2	12.92
	51.48	11.97	0-500	agriculture	490	9	C	subsoil	NA	1.31	NA	7	NA	BPCA	1 to 30	2	12.61
	51.48	11.97	0-500	agriculture	490	9	C	subsoil	NA	0.42	NA	5.8	NA	BPCA	1 to 30	2	12.5
	51.48	11.97	0-500	agriculture	490	9	C	topsoil	NA	1.44	NA	7	NA	BPCA	1 to 30	2	11.92
	51.48	11.97	0-500	agriculture	490	9	C	subsoil	NA	1.24	NA	7.6	NA	BPCA	1 to 30	2	11.74
(Bucheli et al., 2004)	46.01	8.86	1000-1500	forest	NA	9.2	D	topsoil	NA	12.96	NA	4.4	NA	CTO 375	30 to 100	NA	1.39
	46.15	8.98	0-500	urban	NA	10.6	C	topsoil	NA	2.28	NA	5.7	NA	CTO 375	30 to 100	NA	6.58
	46.25	6.28	500-1000	forest	NA	9.2	C	topsoil	NA	3.12	NA	5.5	NA	CTO 375	<1	NA	1.6
	46.27	7.87	500-1000	forest	NA	8.2	C	topsoil	NA	6.63	NA	7.2	NA	CTO 375	<1	NA	2.41
	46.58	8.5	>2000	urban	NA	-0.2	D	topsoil	NA	8.77	NA	5.2	NA	CTO 375	<1	NA	1.71
	46.72	6.53	500-1000	forest	NA	8.3	C	topsoil	NA	4.72	NA	5.5	NA	CTO 375	<1	NA	1.27
	46.8	9.83	1500-2000	forest	NA	2.6	D	topsoil	NA	22.73	NA	5.2	NA	CTO 375	<1	NA	0.75
	46.82	8.65	0-500	grass	NA	8.6	C	topsoil	NA	5.46	NA	5.9	NA	CTO 375	<1	NA	2.01
	46.98	6.61	1000-1500	grass	NA	4.8	D	topsoil	NA	8.86	NA	6.3	NA	CTO 375	<1	NA	1.92
	47.05	9.45	500-1000	forest	NA	6.7	C	topsoil	NA	6.65	NA	5.7	NA	CTO 375	<1	NA	1.35
	47.05	7.47	500-1000	agriculture	NA	7.7	C	topsoil	NA	1.07	NA	3.9	NA	CTO 375	<1	NA	3.74
	47.07	8.43	1000-1500	grass	NA	7.2	D	topsoil	NA	2.18	NA	4.5	NA	CTO 375	<1	NA	6.42
	47.07	7.27	0-500	forest	NA	9.4	C	topsoil	NA	4.67	NA	7	NA	CTO 375	<1	NA	33.62
	47.2	7.43	1000-1500	forest	NA	5.3	D	topsoil	NA	5.71	NA	5.9	NA	CTO 375	<1	NA	2.28
	47.22	7.79	500-1000	forest	NA	8.1	C	topsoil	NA	11.38	NA	NA	NA	CTO 375	<1	NA	0.97
	47.32	9.57	0-500	agriculture	NA	8	C	topsoil	NA	14.6	NA	5.5	NA	CTO 375	<1	NA	2.53
	47.39	8.57	500-1000	forest	NA	7.9	C	topsoil	NA	3.58	NA	NA	NA	CTO 375	<1	NA	1.96
	47.4	8.18	0-500	forest	NA	8.3	C	topsoil	NA	2.85	NA	7.1	NA	CTO 375	<1	NA	3.16

	47.45	8.75	0-500	grass	NA	8.5	C	topsoil	NA	8.09	NA	4	NA	CTO 375	<1	NA	1.11
	47.48	8.91	500-1000	grass	NA	7.1	C	topsoil	NA	4.42	NA	NA	NA	CTO 375	<1	NA	3.85
	47.5	8.75	0-500	urban	NA	7.1	C	topsoil	NA	2.25	NA	4.7	NA	CTO 375	<1	NA	5.33
	47.53	7.57	500-1000	agriculture	NA	9	C	topsoil	NA	1.04	NA	NA	NA	CTO 375	<1	NA	4.81
	49.89	7.28	1000-1500	urban	NA	5.4	D	topsoil	NA	5.4	NA	4.8	NA	CTO 375	<1	NA	2.59
(Caria et al., 2011)	50	2.3	0-500	NA	610	11	C	topsoil	NA	1.29	NA	4.6	NA	CTO 375	<1	NA	62.48
	50	2.3	0-500	NA	610	11	C	topsoil	NA	1.22	NA	4.6	NA	CTO 375	<1	NA	48.2
	50	2.3	0-500	NA	610	11	C	topsoil	NA	0.87	NA	4.6	NA	CTO 375	<1	NA	41.26
	50	2.3	0-500	NA	610	11	C	topsoil	NA	2.58	NA	4.6	NA	CTO 375	<1	NA	39.11
	50	2.3	0-500	NA	610	11	C	topsoil	NA	2.05	NA	4.6	NA	CTO 375	<1	NA	38.44
	50	2.3	0-500	NA	610	11	C	topsoil	NA	3.02	NA	4.6	NA	CTO 375	<1	NA	34.14
	50	2.3	0-500	NA	610	11	C	topsoil	NA	1.38	NA	NA	NA	CTO 375	<1	NA	34.06
	50	2.3	0-500	NA	610	11	C	topsoil	NA	2.2	NA	4.6	NA	CTO 375	<1	NA	33.59
	50	2.3	0-500	NA	610	11	C	topsoil	NA	1.3	NA	NA	NA	CTO 375	<1	NA	32.92
	50	2.3	0-500	NA	610	11	C	topsoil	NA	1.26	NA	NA	NA	CTO 375	<1	NA	31.98
	50	2.3	0-500	NA	610	11	C	topsoil	NA	4.6	NA	4.5	NA	CTO 375	<1	NA	31.41
	50	2.3	0-500	NA	610	11	C	topsoil	NA	2.62	NA	NA	NA	CTO 375	NA	NA	15.8
	50	2.3	0-500	NA	610	11	C	topsoil	NA	2.97	NA	4.6	NA	CTO 375	<1	NA	13.3
	50	2.3	0-500	NA	610	11	C	topsoil	NA	3.59	NA	NA	NA	CTO 375	<1	NA	10.28
(Cusack et al., 2012)			1500-2000	grass	2000	NA	A	topsoil	0.4	6.38	NA	NA	NA	NMR	<1	NA	10.56
	20	-156	500-1000	grass	1272	NA	A	topsoil	0.67	1.39	NA	NA	NA	NMR	30 to 100	NA	11.52
	20	-156	500-1000	grass	1865	NA	A	topsoil	0.43	9.23	NA	NA	NA	NMR	<1	NA	12.04
	20	-156	1000-1500	grass	1300	NA	A	topsoil	0.54	12.79	NA	NA	NA	NMR	<1	NA	12.36
	20	-156	0-500	grass	851	NA	A	topsoil	0.8	4.6	NA	5.7	NA	NMR	<1	NA	12.55
	20	-156	500-1000	grass	1983	NA	A	topsoil	0.41	12.08	NA	6.35	NA	NMR	<1	NA	12.74

20	-156	500-1000	grass	1548	NA	A	topsoil	0.49	8.84	NA	7.21	NA	NMR	<1	NA	13.08
20	-156	500-1000	grass	1689	NA	A	topsoil	0.55	11.25	NA	6.59	NA	NMR	<1	NA	13.47
20	-156	500-1000	grass	898	NA	A	topsoil	0.79	2.87	NA	NA	NA	NMR	<1	NA	13.83
20	-156	500-1000	grass	808	NA	A	topsoil	0.81	6.43	NA	NA	NA	NMR	<1	NA	14.27
20	-156	500-1000	grass	1103	NA	A	topsoil	0.72	6.19	NA	7.77	NA	NMR	<1	NA	14.37
20	-156	1000-1500	grass	2400	NA	A	topsoil	0.33	13.74	NA	NA	NA	NMR	<1	NA	14.49
20	-156	1000-1500	grass	1700	NA	A	topsoil	0.54	11.9	NA	NA	NA	NMR	<1	NA	14.65
20	-156	500-1000	grass	1103	NA	A	topsoil	0.72	6.8	NA	NA	NA	NMR	30 to 100	NA	14.87
20	-156	500-1000	grass	1197	NA	A	topsoil	0.7	6.77	NA	7.02	NA	NMR	<1	NA	14.92
20	-156	0-500	grass	967	NA	A	topsoil	0.61	5.48	NA	7.69	NA	NMR	<1	NA	15.34
20	-156	500-1000	grass	1272	NA	A	topsoil	0.67	8.59	NA	7.05	NA	NMR	<1	NA	15.36
20	-156	1000-1500	grass	1900	NA	A	topsoil	0.48	10.6	NA	NA	NA	NMR	<1	NA	15.78
20	-156	500-1000	NA	615	NA	A	topsoil	0.87	2.67	NA	NA	NA	NMR	<1	NA	16.04
20	-156	500-1000	grass	1103	NA	A	topsoil	0.72	6.2	NA	6.15	NA	NMR	<1	NA	16.11
20	-156	500-1000	grass	830	NA	A	topsoil	0.81	7.46	NA	6.82	NA	NMR	<1	NA	16.24
20	-156	1000-1500	grass	1100	NA	A	topsoil	0.58	11.48	NA	7.04	NA	NMR	<1	NA	16.24
20	-156	0-500	grass	1113	NA	A	topsoil	0.72	1.96	NA	NA	NA	NMR	<1	NA	16.92
20	-156	500-1000	grass	1944	NA	A	topsoil	0.47	11.97	NA	6.45	NA	NMR	<1	NA	17.36
20	-156	500-1000	grass	1197	NA	A	topsoil	0.7	5.82	NA	6.35	NA	NMR	<1	NA	17.48
20	-156	0-500	NA	588	NA	A	topsoil	0.88	2.59	NA	NA	NA	NMR	<1	NA	17.53
20	-156	1000-1500	grass	1000	NA	A	topsoil	0.6	16.32	NA	6.63	NA	NMR	<1	NA	17.75
20	-156	500-1000	grass	1763	NA	A	topsoil	0.45	11.86	NA	6.59	NA	NMR	<1	NA	17.89
20	-156	500-1000	grass	1175	NA	A	topsoil	0.57	5.79	NA	NA	NA	NMR	<1	NA	18.34
20	-156	500-1000	grass	1006	NA	A	topsoil	0.75	8.24	NA	6.85	NA	NMR	<1	NA	18.35

	20	-156	0-500	grass	800	NA	A	topsoil	0.64	2.4	NA	6.39	NA	NMR	<1	NA	18.36
	20	-156	500-1000	NA	675	NA	A	topsoil	0.85	4.46	NA	7.1	NA	NMR	<1	NA	18.82
	20	-156	0-500	NA	566	NA	A	topsoil	0.69	2.62	NA	7.05	NA	NMR	<1	NA	18.96
	20	-156	500-1000	grass	1272	NA	A	topsoil	0.67	7.67	NA	6.35	NA	NMR	<1	NA	18.97
	20	-156	0-500	NA	725	NA	A	topsoil	0.66	4.21	NA	NA	NA	NMR	<1	NA	19.31
	20	-156	0-500	grass	851	NA	A	topsoil	0.8	7.52	NA	NA	NA	NMR	<1	NA	19.48
	20	-156	1000-1500	grass	1500	NA	A	topsoil	0.5	8.33	NA	6.26	NA	NMR	<1	NA	19.52
	20	-156	500-1000	grass	1272	NA	A	topsoil	0.67	2.04	NA	6.61	NA	NMR	<1	NA	20.94
	20	-156	500-1000	grass	1323	NA	A	topsoil	0.66	10.72	NA	6.6	NA	NMR	<1	NA	22.18
	20	-156	500-1000	grass	1103	NA	A	topsoil	0.72	9.03	NA	NA	NA	NMR	<1	NA	22.47
	20	-156	1000-1500	NA	750	NA	A	topsoil	0.65	8.59	NA	7.19	NA	NMR	<1	NA	22.86
	20	-156	500-1000	NA	690	NA	A	topsoil	0.85	4.47	NA	6.66	NA	NMR	<1	NA	22.95
	20	-156	0-500	NA	261	NA	A	topsoil	0.98	1.52	NA	7.48	NA	NMR	<1	NA	25.37
	20	-156	0-500	NA	220	NA	A	topsoil	0.99	2	NA	6.58	NA	NMR	<1	NA	29.92
(Czimczik et al., 2003)	60.67	89.13	0-500	forest	493	-2.5	D	topsoil	NA	31.06	NA	NA	medium	BPCA	1 to 30	3	4.49
	60.67	89.13	0-500	forest	493	-2.5	D	topsoil	NA	24.81	NA	NA	medium	BPCA	<1	3	0.29
	60.75	89.4	0-500	forest	560	-3	D	complete	NA	NA	NA	4.4	medium	BPCA	30 to 100	3	0.14
	60.75	89.4	0-500	forest	560	-3	D	complete	NA	NA	NA	4.4	low	BPCA	30 to 100	3	0.12
(Dai et al., 2005)	33.85	-99.45	0-500	grass	665	16.9	C	subsoil	NA	0.6	NA	5.5	high	BPCA	30 to 100	2	11.7
	33.85	-99.45	0-500	grass	665	16.9	C	topsoil	NA	0.92	NA	5.8	high	BPCA	30 to 100	2	9.1
	33.85	-99.45	0-500	grass	665	16.9	C	subsoil	NA	0.73	NA	5.9	NA	BPCA	30 to 100	2	7.4
	33.85	-99.45	0-500	grass	665	16.9	C	topsoil	NA	0.89	NA	6.4	NA	BPCA	30 to 100	2	7.2
(Eckmeier et al., 2007)	49.27	9.47	0-500	forest	849	8.9	C	topsoil	NA	3.6	15	NA	NA	UV Oxidation	<1	NA	2.5
	49.27	9.47	0-500	forest	849	8.9	C	topsoil	NA	3.77	15	NA	NA	UV Oxidation	<1	NA	2.7
	49.27	9.47	0-500	forest	849	8.9	C	topsoil	NA	3.79	15	NA	NA	UV Oxidation	<1	NA	2.6

46.39	9.92	1500-2000	grass	1700	0	E	topsoil	NA	0.32	NA	7.5	NA	BPCA	1 to 30	NA	13.67
46.39	9.92	1500-2000	grass	1700	0	E	topsoil	NA	2.29	NA	7.5	NA	BPCA	1 to 30	NA	6.14
46.39	9.92	1500-2000	grass	1700	0	E	topsoil	NA	1.42	NA	7.5	NA	BPCA	1 to 30	NA	5.81
46.39	9.92	1500-2000	grass	1700	0	E	topsoil	NA	0.73	NA	7.5	NA	BPCA	1 to 30	NA	5.45
46.39	9.92	1500-2000	grass	1700	0	E	topsoil	NA	0.6	NA	NA	NA	BPCA	1 to 30	NA	5.01
46.39	9.92	1500-2000	grass	1700	0	E	topsoil	NA	0.94	NA	7.5	NA	BPCA	1 to 30	NA	4.99
46.39	9.92	1500-2000	shrubs	1700	0	E	topsoil	NA	0.71	NA	NA	NA	BPCA	1 to 30	NA	4.97
46.39	9.92	1500-2000	grass	1700	0	E	topsoil	NA	1.81	NA	7.5	NA	BPCA	1 to 30	NA	4.88
46.39	9.92	1500-2000	grass	1700	0	E	topsoil	NA	1.83	NA	NA	NA	BPCA	1 to 30	NA	4.8
46.39	9.92	1500-2000	grass	1700	0	E	topsoil	NA	1.16	NA	7.5	NA	BPCA	1 to 30	NA	4.66
46.39	9.92	1500-2000	grass	1700	0	E	topsoil	NA	0.49	NA	NA	NA	BPCA	1 to 30	NA	4.64
46.39	9.92	1500-2000	grass	1700	0	E	topsoil	NA	4.79	NA	7.5	NA	BPCA	30 to 100	NA	4.49
46.39	9.92	1500-2000	grass	1700	0	E	topsoil	NA	0.53	NA	7.5	NA	BPCA	1 to 30	NA	4.47
46.39	9.92	1500-2000	grass	1700	0	E	topsoil	NA	6.12	NA	7.5	NA	BPCA	>100	NA	4.31
46.39	9.92	1500-2000	shrubs	1700	0	E	topsoil	NA	6.41	NA	NA	NA	BPCA	1 to 30	NA	4.32
46.39	9.92	1500-2000	grass	1700	0	E	topsoil	NA	13.1	NA	7.5	NA	BPCA	1 to 30	NA	4.28
46.39	9.92	1500-2000	grass	1700	0	E	topsoil	NA	3.17	NA	7.5	NA	BPCA	1 to 30	NA	4.02
46.39	9.92	1500-2000	grass	1700	0	E	topsoil	NA	0.93	NA	NA	NA	BPCA	1 to 30	NA	3.56

	46.39	9.92	1500-2000	grass	1700	0	E	topsoil	NA	3.03	NA	7.5	NA	BPCA	1 to 30	NA	3.31
	46.39	9.92	1500-2000	grass	1700	0	E	topsoil	NA	1.26	NA	6.1	NA	BPCA	1 to 30	NA	3.02
	46.39	9.92	1500-2000	grass	1700	0	E	topsoil	NA	3.7	NA	NA	NA	BPCA	1 to 30	NA	2.79
	46.39	9.92	1500-2000	grass	1700	0	E	topsoil	NA	1.15	NA	NA	NA	BPCA	1 to 30	NA	2.71
	46.39	9.92	1500-2000	grass	1700	0	E	topsoil	NA	5.45	NA	NA	NA	BPCA	1 to 30	NA	2.58
	46.39	9.92	1500-2000	grass	1700	0	E	topsoil	NA	8.97	NA	7.5	NA	BPCA	1 to 30	NA	2.59
	46.39	9.92	1500-2000	grass	1700	0	E	topsoil	NA	1.81	NA	NA	NA	BPCA	1 to 30	NA	2.37
	46.39	9.92	1500-2000	grass	1700	0	E	topsoil	NA	6.45	NA	NA	NA	BPCA	<1	NA	2.3
(Glaser and Amelung, 2003)	27.45	-98.04	0-500	NA	700	22.2	C	topsoil	NA	2.25	25.9	4.9	NA	BPCA	30 to 100	2	11.2
	27.57	-98.54	0-500	grass	440	23.4	C	topsoil	NA	1.6	28.4	7.4	NA	BPCA	30 to 100	3	4.63
	29.42	-96.33	0-500	grass	1030	20	C	topsoil	NA	2.37	25.1	5.6	NA	BPCA	1 to 30	2	9.49
	30.05	-94.06	0-500	grass	1308	20.3	C	topsoil	NA	2.37	25.8	6	NA	BPCA	30 to 100	3	8.99
		-															
		101.2															
	32.15	8	500-1000	grass	466	17.1	C	topsoil	NA	1.13	20.9	7.1	NA	BPCA	30 to 100	3	6.46
	37.2	-95.16	0-500	grass	1000	14.2	C	topsoil	NA	2.68	18.2	6.2	NA	BPCA	30 to 100	3	8.4
	38.53	-99.2	500-1000	grass	573	12.2	C	topsoil	NA	2.75	27.5	6.1	NA	BPCA	30 to 100	3	5.05
	39.11	-96.35	0-500	grass	791	12.4	C	topsoil	NA	3.07	33.2	6.7	NA	BPCA	30 to 100	2	17.56
		-															
		103.1	1000-1500														
	40.1	3		grass	375	10.8	B	topsoil	NA	1.69	17.7	5.9	NA	BPCA	1 to 30	2	4.26
	40.26	-99.22	500-1000	grass	666	11.6	D	topsoil	NA	2.99	24.4	5.9	NA	BPCA	30 to 100	3	7.66
	40.48	-96.42	0-500	grass	792	10.9	D	topsoil	NA	4.05	32.3	5.4	NA	BPCA	30 to 100	3	8.54
		-	1000-1500														
	44.5	105.5	1500	grass	400	7.2	B	topsoil	NA	1.85	23.8	5.6	NA	BPCA	<1	4	12.43

		1															
	45.35	-95.55	0-500	grass	565	6.1	D	topsoil	NA	6.4	34.4	NA	NA	BPCA	30 to 100	3	14.17
		-															
		100.5															
	46.5	4	500-1000	grass	419	5	D	topsoil	NA	3.16	20.6	7.4	NA	BPCA	30 to 100	4	8.64
		-															
		109.4	1000-1500														
	48.33	1		grass	300	6.1	B	topsoil	NA	1.64	16.5	7.2	NA	BPCA	30 to 100	3	3.78
	50.17	-107.5	500-1000	grass	380	3.2	D	topsoil	NA	4.23	2.2	NA	NA	BPCA	<1	NA	6.5
		-															
		106.1															
	52.19	7	500-1000	grass	343	1.6	D	topsoil	NA	4.23	16.2	NA	NA	BPCA	30 to 100	3	7.38
	52.92	-105.8	0-500	grass	456	0.9	D	topsoil	NA	5.82	29.1	NA	NA	BPCA	30 to 100	2	11.56
(Glaser et al., 2000)	-3.6	-54.93	0-500	forest	2050	26	A	topsoil	NA	7	NA	5.5	NA	BPCA	30 to 100	NA	31
	-3.6	-54.93	0-500	forest	2050	26	A	topsoil	NA	1.32	NA	3.9	NA	BPCA	30 to 100	NA	18.94
	-3.6	-54.93	0-500	forest	2050	26	A	subsoil	NA	4.57	NA	4.8	NA	BPCA	30 to 100	NA	17.72
	-3.6	-54.93	0-500	forest	2050	26	A	subsoil	NA	2.34	NA	4.4	NA	BPCA	30 to 100	NA	5.56
	-3.25	-60.42	0-500	urban	2050	26	A	subsoil	NA	2.15	NA	NA	NA	BPCA	30 to 100	2	27.91
	-3.25	-60.42	0-500	urban	2050	26	A	topsoil	NA	3.35	NA	NA	NA	BPCA	30 to 100	2	20.3
	-3.25	-60.42	0-500	urban	2050	26	A	topsoil	NA	1.18	NA	5.5	NA	BPCA	30 to 100	2	5.93
	-3.2	-60.4	0-500	urban	2050	26	A	subsoil	NA	0.83	NA	NA	NA	BPCA	30 to 100	2	24.1
	-3.2	-60.4	0-500	urban	2050	26	A	topsoil	NA	3.45	NA	NA	NA	BPCA	30 to 100	2	12.17
	-3.2	-60.4	0-500	urban	2050	26	A	topsoil	NA	1.18	NA	NA	NA	BPCA	30 to 100	2	5.93
	-3.1	-60.35	0-500	urban	2050	26	A	subsoil	NA	0.98	NA	NA	NA	BPCA	30 to 100	2	14.29
	-3.1	-60.35	0-500	urban	2050	26	A	topsoil	NA	3.25	NA	NA	NA	BPCA	30 to 100	2	13.23
	-3.1	-60.35	0-500	urban	2050	26	A	topsoil	NA	1.45	NA	NA	NA	BPCA	30 to 100	2	6.9
	-2.91	-60.05	0-500	urban	2050	26	A	subsoil	NA	1.76	NA	3.9	NA	BPCA	30 to 100	NA	38.07
	-2.91	-60.05	0-500	urban	2050	26	A	topsoil	NA	2.61	NA	4.8	NA	BPCA	30 to 100	NA	18.77
	-2.91	-60.05	0-500	urban	2050	26	A	topsoil	NA	2.47	NA	4.4	NA	BPCA	30 to 100	NA	12.96

(Hammes et al., 2008)	51	40.7	0-500	grass	507	6.6	D	subsoil	0.83	5.57	NA	NA	NA	BPCA	30 to 100	5	30.48
	51	40.7	0-500	grass	507	6.6	D	subsoil	0.91	4.14	NA	NA	NA	BPCA	30 to 100	5	30.1
	51	40.7	0-500	grass	507	6.6	D	subsoil	0.93	4.55	NA	NA	NA	BPCA	30 to 100	5	20.21
	51	40.7	0-500	grass	507	6.6	D	subsoil	0.93	4.4	NA	NA	NA	BPCA	30 to 100	5	20.02
	51	40.7	0-500	grass	507	6.6	D	subsoil	0.94	3.34	NA	NA	NA	BPCA	30 to 100	5	19.57
	51	40.7	0-500	grass	507	6.6	D	topsoil	0.52	7.42	NA	NA	NA	BPCA	30 to 100	5	18.69
	51	40.7	0-500	grass	507	6.6	D	subsoil	0.99	2.88	NA	NA	NA	BPCA	30 to 100	5	18.52
	51	40.7	0-500	grass	507	6.6	D	topsoil	0.77	4.73	NA	NA	NA	BPCA	30 to 100	2	21.16
	51	40.7	0-500	grass	507	6.6	D	subsoil	0.97	3.08	NA	NA	NA	BPCA	30 to 100	5	9.88
	51	40.7	0-500	grass	507	6.6	D	subsoil	1.25	2.6	NA	NA	NA	BPCA	30 to 100	5	6.81
	51	40.7	0-500	grass	507	6.6	D	subsoil	0.95	3.3	NA	NA	NA	BPCA	30 to 100	5	1.65
	51	40.7	0-500	grass	507	6.6	D	subsoil	1.25	2.75	NA	NA	NA	BPCA	30 to 100	5	0.08
(Hopmans et al., 2005)	-	148.8															
	37.63	4	0-500	forest	1094	15	C	topsoil	NA	NA	NA	NA	NA	physical	>100	2	17.61
	-	146.2															
	37.53	5	500-1000	forest	1900	4	C	topsoil	NA	NA	NA	6	NA	physical	>100	4	31.58
(Jauss et al., 2015)	-	146.2															
	37.53	5	500-1000	forest	1900	4	C	topsoil	NA	NA	NA	NA	NA	physical	>100	4	14.74
	44.2	121.4	500-1000	forest	220	8.5	B	complete	NA	NA	NA	NA	medium	UV Oxidation	<1	NA	27.79
	44.35	122.3	1000-1500	forest	2760	6.1	D	complete	NA	NA	NA	NA	low	UV Oxidation	<1	NA	17.02
	44.4	122.3	500-1000	forest	2010	10.3	B	complete	NA	NA	NA	NA	low	UV Oxidation	<1	NA	6.52
	44.4	122	1000-1500	forest	2040	7.6	D	complete	NA	NA	NA	NA	low	UV Oxidation	<1	4	14.28
	44.5	122.2	0-500	forest	1500	10.3	B	complete	NA	NA	NA	NA	low	UV Oxidation	>100	3	17.08
	44.5	121.6	500-1000	forest	1980	8.1	B	complete	NA	NA	NA	NA	medium	UV Oxidation	<1	NA	13.15
	44.6	122.3	0-500	agriculture	1143	11.7	C	complete	NA	NA	NA	NA	medium	UV Oxidation	>100	3	23.25
	44.6	122.3	0-500	agriculture	1143	11.7	C	complete	NA	NA	NA	NA	medium	UV Oxidation	>100	3	7.72

		122.2															
	44.6	5	0-500	agriculture	1143	11.7	C	complete	NA	NA	NA	NA	medium	UV Oxidation	>100	3	11.18
	45	123.9	0-500	forest	2510	10.1	C	complete	NA	NA	NA	NA	low	UV Oxidation	30 to 100	4	16.36
	45	123.9	0-500	forest	2510	10.1	C	complete	NA	NA	NA	NA	low	UV Oxidation	30 to 100	4	15.77
(Kaal and Van Mourik, 2008)	42.54	-8.54	0-500	shrubs	1000	14.8	C	subsoil	NA	5.35	NA	NA	NA	physical	30 to 100	1	14.94
	42.54	-8.54	0-500	shrubs	1000	14.8	C	subsoil	NA	2.66	NA	NA	NA	physical	<1	1	11.52
	42.54	-8.54	0-500	shrubs	1000	14.8	C	subsoil	NA	8.74	NA	NA	NA	physical	30 to 100	1	5.77
	42.54	-8.54	0-500	shrubs	1000	14.8	C	subsoil	NA	3.89	NA	NA	NA	physical	30 to 100	1	5.6
	42.54	-8.54	0-500	shrubs	1000	14.8	C	topsoil	NA	6.34	NA	NA	NA	physical	30 to 100	1	4.19
	42.54	-8.54	0-500	shrubs	1000	14.8	C	subsoil	NA	5.3	NA	NA	NA	physical	<1	1	3.98
	42.54	-8.54	0-500	shrubs	1000	14.8	C	subsoil	NA	3.59	NA	NA	NA	physical	30 to 100	1	3.79
	42.54	-8.54	0-500	shrubs	1000	14.8	C	topsoil	NA	4.49	NA	NA	NA	physical	30 to 100	1	2.63
	42.54	-8.54	0-500	shrubs	1000	14.8	C	subsoil	NA	5.34	NA	NA	NA	physical	30 to 100	1	2.68
	42.54	-8.54	0-500	shrubs	1000	14.8	C	topsoil	NA	9.1	NA	NA	NA	physical	>100	1	1.6
	42.54	-8.54	0-500	shrubs	1000	14.8	C	topsoil	NA	8.05	NA	NA	NA	physical	30 to 100	1	0.9
	42.54	-8.54	0-500	shrubs	1000	14.8	C	subsoil	NA	11.98	NA	NA	NA	physical	30 to 100	1	0.61
(Knicker et al., 2008)	-																
	28.25	-52.4	500-1000	NA	1800	17.7	C	subsoil	NA	6.4	NA	NA	high	Cr2O6	1 to 30	3	50.03
	-																
	28.25	-52.4	500-1000	NA	1800	17.7	C	subsoil	NA	9.8	NA	NA	high	Cr2O6	1 to 30	3	46.26
	-																
	28.25	-52.4	500-1000	NA	1800	17.7	C	topsoil	NA	7.8	NA	NA	high	Cr2O6	1 to 30	3	44.37
	-																
	28.25	-52.4	500-1000	NA	1800	17.7	C	topsoil	NA	12.1	NA	NA	high	Cr2O6	1 to 30	3	42.48
	-																
	28.68	-49.85	1000-1500	grass	2468	14.4	B	subsoil	0.73	6.3	NA	7.1	NA	Cr2O6	1 to 30	5	14
	-																
	28.68	-49.85	1000-1500	grass	2468	14.4	B	subsoil	0.9	4.9	NA	NA	NA	Cr2O6	30 to 100	5	14
	-																
	28.68	-49.85	1000-1500	grass	2468	14.4	B	subsoil	0.73	9.4	NA	NA	NA	Cr2O6	1 to 30	5	9
	-																
	-	-49.85	1000-	grass	2468	14.4	B	subsoil	0.83	6.8	NA	NA	NA	Cr2O6	1 to 30	5	9

	28.68		1500														
	-		1000-														
	28.68	-49.85	1500	grass	2468	14.4	B	topsoil	0.73	13.7	NA	7.1	NA	Cr2O6	1 to 30	5	9
	-		1000-														
	28.68	-49.85	1500	grass	2468	14.4	B	subsoil	0.73	10.8	NA	NA	NA	Cr2O6	1 to 30	5	8
	-		1000-														
	28.68	-49.85	1500	grass	2468	14.4	B	subsoil	0.64	11	NA	NA	NA	Cr2O6	1 to 30	5	8
	-		1000-														
	28.68	-49.85	1500	grass	2468	14.4	B	subsoil	0.64	8	NA	7.1	NA	Cr2O6	1 to 30	5	8
	-		1000-														
	28.68	-49.85	1500	grass	2468	14.4	B	subsoil	0.9	6.4	NA	7.1	NA	Cr2O6	1 to 30	5	8
	-		1000-														
	28.68	-49.85	1500	grass	2468	14.4	B	subsoil	0.9	6.2	NA	NA	NA	Cr2O6	1 to 30	5	8
	-		1000-														
	28.68	-49.85	1500	grass	2468	14.4	B	subsoil	0.83	7.7	NA	NA	NA	Cr2O6	1 to 30	5	7
	-		1000-														
	28.68	-49.85	1500	grass	2468	14.4	B	topsoil	0.64	15.1	NA	7.1	NA	Cr2O6	<1	5	7
	-		1000-														
	28.68	-49.85	1500	grass	2468	14.4	B	topsoil	0.9	8.9	NA	7.1	NA	Cr2O6	<1	5	6
	-		1000-														
	28.68	-49.85	1500	grass	2468	14.4	B	topsoil	0.83	11.1	NA	NA	NA	Cr2O6	1 to 30	5	5
	-		1000-														
	28.68	-49.85	1500	grass	2468	14.4	B	subsoil	0.83	5.5	NA	NA	NA	Cr2O6	1 to 30	5	12
	-		1000-														
	28.68	-49.85	1500	grass	2468	14.4	B	subsoil	0.64	12.7	NA	NA	NA	Cr2O6	1 to 30	5	7
(Liang et al., 2008)	-3.13	-59.87	0-500	NA	2286	26	A	topsoil	NA	1.54	8.5	8.3	NA	NMR	30 to 100	3	44.3
	-3.13	-59.87	0-500	NA	2286	26	A	topsoil	NA	2.18	35.9	8.1	NA	NMR	30 to 100	3	20.2
	-3.13	-59.87	0-500	forest	2286	26	A	topsoil	NA	1.75	26.7	7.9	NA	NMR	30 to 100	3	9.3
	-3.13	-59.87	0-500	forest	2286	26	A	topsoil	NA	1.02	0.3	8.2	NA	NMR	30 to 100	3	10.6
(Llorente et al., 2010)	41.9	-4.4	500-1000	agriculture	390	12.3	C	topsoil	NA	1.59	30	NA	NA	BPCA	1 to 30	3	23.09
	41.9	-4.4	500-1000	agriculture	390	12.3	C	topsoil	NA	2.78	30	8	NA	BPCA	1 to 30	3	20.83
	41.9	-4.4	500-1000	forest	390	12.3	C	topsoil	NA	6.51	30	NA	NA	BPCA	1 to 30	3	20.79
	41.9	-4.4	500-1000	forest	390	12.3	C	topsoil	NA	5.42	30	NA	NA	BPCA	1 to 30	3	19.34

	41.9	-4.4	500-1000	forest	390	12.3	C	topsoil	NA	3.7	30	NA	NA	BPCA	1 to 30	3	17.59
	41.9	-4.4	500-1000	forest	390	12.3	C	topsoil	NA	5.45	30	NA	NA	BPCA	1 to 30	3	17.21
	41.9	-4.4	500-1000	forest	390	12.3	C	topsoil	NA	5.87	30	NA	NA	BPCA	1 to 30	3	15.17
	41.9	-4.4	500-1000	agriculture	390	12.3	C	topsoil	NA	1.56	30	NA	NA	BPCA	1 to 30	3	12.18
	41.9	-4.4	500-1000	forest	390	12.3	C	topsoil	NA	3.47	30	NA	NA	BPCA	1 to 30	3	10.64
(McFarlane et al., 2012)	-																
	41.45	124.05	0-500	forest	1709	11	C	topsoil	NA	NA	1	NA	NA	BPCA	<1	NA	9.08
	-																
	41.45	124.05	0-500	forest	1709	11	C	subsoil	NA	NA	2	NA	NA	BPCA	<1	NA	13.62
	-																
	41.45	124.05	0-500	forest	1709	11	C	subsoil	NA	NA	3	NA	NA	BPCA	<1	NA	14.76
	-																
	41.45	124.05	0-500	grass	1709	11	C	topsoil	NA	NA	1	NA	high	BPCA	<1	NA	15.89
	-																
	41.45	124.05	0-500	forest	1709	11	C	subsoil	NA	NA	7	8.1	NA	BPCA	<1	NA	15.89
(Nam et al., 2008)	-																
	41.45	124.05	0-500	grass	1709	11	C	subsoil	NA	NA	1	7.9	high	BPCA	<1	NA	19.3
	-																
	41.45	124.05	0-500	grass	1709	11	C	subsoil	NA	NA	5	7.9	high	BPCA	<1	NA	24.97
	-																
	41.45	124.05	0-500	grass	1709	11	C	subsoil	NA	NA	22	8.1	high	BPCA	<1	NA	27.24
	-																
	52	-2	0-500	grass	750	10	C	topsoil	NA	10.4	NA	NA	NA	CTO 375	30 to 100	NA	1.03
	52	-2	0-500	forest	750	10	C	topsoil	NA	24.9	NA	NA	NA	CTO 375	30 to 100	NA	0.54
	-																
(Nguyen et al., 2008)	0.08	34.98	1500-2000	NA	2000	19	A	topsoil	1.12	2.32	47	NA	NA	NMR	30 to 100	2	28.09
	0.08	34.98	1500-	NA	2000	19	A	topsoil	0.8	4.62	47	NA	NA	NMR	30 to 100	2	18.67

			2000														
	0.08	34.98	1500-2000	NA	2000	19	A	topsoil	1.06	2.58	47	NA	NA	NMR	30 to 100	2	17.19
	0.08	34.98	1500-2000	NA	2000	19	A	topsoil	1.12	1.39	47	NA	NA	NMR	30 to 100	2	16.7
	0.08	34.98	1500-2000	NA	2000	19	A	topsoil	0.8	6.74	47	NA	NA	NMR	30 to 100	2	15.95
	0.08	34.98	1500-2000	NA	2000	19	A	topsoil	0.7	7.56	47	NA	NA	NMR	30 to 100	2	15.5
	0.08	34.98	1500-2000	NA	2000	19	A	topsoil	1	2.74	47	NA	NA	NMR	30 to 100	2	14.78
	0.08	34.98	1500-2000	NA	2000	19	A	topsoil	1.12	1.39	47	NA	NA	NMR	30 to 100	2	10.92
	0.08	34.98	1500-2000	NA	2000	19	A	topsoil	0.67	9.18	47	NA	NA	NMR	30 to 100	2	10.73
(Paroissien et al., 2012)	48	0.8	0-500	NA	650	11	C	topsoil	NA	1.65	17.1	NA	NA	CTO 375	<1	NA	4.85
(Poirier et al., 2002)	-4.78	11.51	0-500	grass	NA	NA	A	subsoil	NA	0.09	8.5	NA	NA	other	<1	NA	5
(Quénéa et al., 2006)	44.74	-0.68	0-500	forest	944	13.8	C	topsoil	NA	2.6	NA	6.37	NA	physical	30 to 100	2	4.6
	44.74	-0.68	0-500	agriculture	944	13.8	C	topsoil	NA	2.6	NA	6.24	NA	physical	30 to 100	2	2.5
(Rivas et al., 2012)	-38.2	-71.83	1000-1500	forest	2500	7	C	topsoil	0.41	8.12	NA	5.2	NA	Cr2O6	30 to 100	4	44.95
	-38.2	-71.83	1000-1500	forest	2500	7	C	topsoil	0.43	9.84	NA	3.9	NA	Cr2O6	30 to 100	4	34.51
	-38.2	-71.83	1000-1500	forest	2500	7	C	subsoil	0.41	8.41	NA	5.4	NA	Cr2O6	30 to 100	4	21.7
	-38.2	-71.83	1000-1500	forest	2500	7	C	subsoil	0.48	6.55	NA	5.1	NA	Cr2O6	30 to 100	4	20.91
	-38.2	-71.83	1000-1500	forest	2500	7	C	topsoil	0.45	15.68	NA	NA	NA	Cr2O6	30 to 100	4	19.55
	-38.2	-71.83	1000-1500	forest	2500	7	C	subsoil	0.43	10.79	NA	NA	NA	Cr2O6	30 to 100	4	19.41
	-38.2	-71.83	1000-1500	forest	2500	7	C	subsoil	0.4	16.29	NA	5	NA	Cr2O6	30 to 100	4	17.12

(Rodionov et al., 2006)	-38.2	-71.83	1000-1500	forest	2500	7	C	subsoil	0.44	9.66	NA	NA	NA	Cr2O6	30 to 100	4	17.01
	-38.2	-71.83	1000-1500	forest	2500	7	C	subsoil	0.46	7.29	NA	NA	NA	Cr2O6	30 to 100	4	16.96
	-38.2	-71.83	1000-1500	forest	2500	7	C	subsoil	0.47	7.49	NA	2.6	NA	Cr2O6	30 to 100	4	16.91
	-38.2	-71.83	1000-1500	forest	2500	7	C	subsoil	0.52	12.03	NA	5.3	NA	Cr2O6	30 to 100	4	15.58
	-38.2	-71.83	1000-1500	forest	2500	7	C	subsoil	0.44	7.88	NA	4.9	NA	Cr2O6	30 to 100	NA	14.28
	-38.2	-71.83	1000-1500	forest	2500	7	C	topsoil	0.39	12.11	NA	3.5	NA	Cr2O6	30 to 100	4	13.71
	-38.2	-71.83	1000-1500	forest	2500	7	C	subsoil	0.49	10.08	NA	5	NA	Cr2O6	30 to 100	4	12.7
	-38.2	-71.83	1000-1500	forest	2500	7	C	subsoil	0.45	5.52	NA	4.9	NA	Cr2O6	30 to 100	4	23.6
	-38.2	-71.83	1000-1500	forest	2500	7	C	subsoil	0.44	7.31	NA	3.8	NA	Cr2O6	30 to 100	4	12.42
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	36.87	-71.93	0-500	agriculture	1025	14	C	subsoil	0.74	6.65	NA	4.9	NA	Cr2O6	>100	4	34.96
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	36.87	-71.93	0-500	agriculture	1025	14	C	topsoil	0.74	9.48	NA	5.4	NA	Cr2O6	>100	4	30.34
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	36.87	-71.93	0-500	agriculture	1025	14	C	topsoil	0.75	8.58	NA	NA	NA	Cr2O6	>100	4	29.23
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	36.87	-71.93	0-500	agriculture	1025	14	C	subsoil	0.71	3.72	NA	5	NA	Cr2O6	>100	4	25.59
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	36.87	-71.93	0-500	agriculture	1025	14	C	subsoil	0.72	5.61	NA	5.3	NA	Cr2O6	>100	4	18.74
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	36.87	-71.93	0-500	agriculture	1025	14	C	subsoil	0.77	4.11	NA	5.4	NA	Cr2O6	<1	4	17.98
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	36.87	-71.93	0-500	agriculture	1025	14	C	subsoil	0.66	5.94	NA	5.2	NA	Cr2O6	>100	4	17.28
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	36.87	-71.93	0-500	agriculture	1025	14	C	subsoil	0.75	8.02	NA	5.4	NA	Cr2O6	>100	4	14.85
(Rodionov et al., 2006)	47.34	44.5	0-500	agriculture	325	8	D	topsoil	NA	1.59	NA	NA	NA	BPCA	30 to 100	4	8.01
	47.34	44.5	0-500	agriculture	325	8	D	subsoil	NA	0.8	NA	NA	NA	BPCA	30 to 100	4	1.56

	50	44.5	0-500	agriculture	300	6	D	topsoil	NA	3.2	NA	NA	NA	BPCA	30 to 100	3	12.58
	50	44.5	0-500	agriculture	300	6	D	subsoil	NA	1.53	NA	NA	NA	BPCA	30 to 100	2	8.84
	51.75	36.15	0-500	agriculture	573	5.3	D	subsoil	NA	2.91	NA	NA	NA	BPCA	30 to 100	2	17.88
	51.75	36.15	0-500	agriculture	573	5.3	D	topsoil	NA	5.6	NA	NA	NA	BPCA	30 to 100	2	10.5
	54	37.5	0-500	agriculture	715	4.1	D	subsoil	NA	0.32	NA	NA	NA	BPCA	30 to 100	5	8.94
	54	37.5	0-500	agriculture	715	4.1	D	topsoil	NA	3.44	NA	NA	NA	BPCA	30 to 100	5	3.64
(Rodionov et al., 2006)	67.48	86.42	0-500	forest	510	-7.4	D	subsoil	1.1	12.8	28.4	4.8	NA	BPCA	1 to 30	NA	13.87
	67.48	86.42	0-500	forest	510	-7.4	D	topsoil	0.6	7.4	30.3	5.5	NA	BPCA	1 to 30	NA	4.72
	67.48	86.42	0-500	forest	510	-7.4	D	subsoil	1	5.3	27.6	4.4	NA	BPCA	1 to 30	NA	4.2
	67.48	86.42	0-500	forest	510	-7.4	D	topsoil	0.98	3	28	3.9	NA	BPCA	1 to 30	NA	1.66
	67.49	86.42	0-500	forest	510	-7.4	D	topsoil	0.92	3.6	24	5.5	NA	BPCA	1 to 30	NA	4.04
	67.49	86.42	0-500	forest	510	-7.4	D	subsoil	1.58	0.8	18	4.8	NA	BPCA	1 to 30	NA	3.41
(Rodionov et al., 2010)	-																
	38.75	-62.18	0-500	agriculture	582	15.6	C	topsoil	1.32	1.56	NA	5.8	NA	BPCA	30 to 100	2	7.12
	-																
	38.38	-60.27	0-500	urban	731	14.5	C	topsoil	1.2	4.22	NA	5	NA	BPCA	30 to 100	2	10.08
	-																
	38.38	-60.27	0-500	agriculture	731	14.5	C	topsoil	1.24	1.67	NA	5.5	NA	BPCA	30 to 100	2	9.18
	-																
	38.37	-60.37	0-500	agriculture	731	14.5	C	topsoil	1.24	2.73	NA	5.3	NA	BPCA	30 to 100	2	7
	-																
	37.77	-58.3	0-500	agriculture	843	13.8	C	topsoil	1.2	4.13	NA	5.4	NA	BPCA	30 to 100	3	18.09
	-																
	37.77	-58.3	0-500	agriculture	843	13.8	C	topsoil	1.2	3.85	NA	4.7	NA	BPCA	30 to 100	2	12.58
	27.57	-98.9	0-500	grass	446	23.4	C	topsoil	1.77	1.51	NA	6.3	NA	BPCA	30 to 100	3	2.59
	31.17	-97.97	0-500	grass	829	20	C	topsoil	1.45	3.22	NA	6.1	NA	BPCA	30 to 100	2	10.4
	-																
	100.2																
	33.2	2	500-1000	grass	507	17.7	B	topsoil	1.2	2.67	NA	5.8	NA	BPCA	30 to 100	3	7.36
	39.07	-95.6	0-500	grass	839	12.6	C	topsoil	1.24	4.03	NA	5.9	NA	BPCA	30 to 100	2	8.31

		-															
	44	103.78	1500-2000	grass	497	6.8	D	topsoil	1.34	1.29	NA	5.5	NA	BPCA	30 to 100	4	12.3
		121.3															
	45.6	6	500-1000	agriculture	388	4.9	D	topsoil	1.34	2.04	NA	5.3	NA	BPCA	1 to 30	NA	7.37
		124.6															
	45.65	3	0-500	agriculture	423	4.5	D	topsoil	1.03	1.07	NA	5.3	NA	BPCA	30 to 100	4	11.13
	45.72	122.2	0-500	agriculture	378	4.9	D	topsoil	1.34	1.59	NA	4.9	NA	BPCA	30 to 100	3	4.26
		122.0															
	46.17	7	0-500	agriculture	410	4.2	D	topsoil	1.04	1.16	NA	5	NA	BPCA	<1	NA	12.03
		126.3															
	46.22	8	0-500	agriculture	545	3.6	D	topsoil	1.05	2.47	NA	5.2	NA	BPCA	<1	NA	19.2
		-															
		106.2															
	46.27	3	500-1000	grass	274	6.5	B	topsoil	1.34	1.32	NA	5.9	NA	BPCA	>100	4	3.58
(Roth et al., 2012)	50.92	6.35	0-500	agriculture	693	9.8	C	subsoil	NA	1	12	NA	NA	other	<1	NA	27.88
	50.92	6.35	0-500	agriculture	693	9.8	C	subsoil	NA	1	12	NA	NA	BPCA	<1	NA	10.6
	50.92	6.35	0-500	agriculture	693	9.8	C	subsoil	NA	1	12	NA	NA	CTO 375	<1	NA	10.23
	50.92	6.35	0-500	agriculture	693	9.8	C	subsoil	NA	1	12	NA	NA	CTO 375	<1	NA	6.7
	50.93	6.95	0-500	agriculture	796	10	C	subsoil	NA	0.7	8	NA	NA	other	<1	NA	35.69
	50.93	6.95	0-500	agriculture	796	10	C	subsoil	NA	0.7	8	NA	NA	BPCA	<1	NA	16.35
	50.93	6.95	0-500	agriculture	796	10	C	subsoil	NA	0.7	8	NA	NA	CTO 375	<1	NA	15.62
	50.93	6.95	0-500	agriculture	796	10	C	subsoil	NA	0.7	8	NA	NA	CTO 375	<1	NA	6.7
	51	8	0-500	agriculture	750	10	C	subsoil	NA	1.4	22	NA	NA	CTO 375	30 to 100	NA	36.99
	51	8	0-500	NA	750	10	C	subsoil	NA	2.1	11	NA	NA	other	30 to 100	NA	21.56
	51	8	0-500	agriculture	750	10	C	subsoil	NA	1.4	22	NA	NA	other	30 to 100	NA	23.24
	51	8	0-500	NA	750	10	C	subsoil	NA	2.1	11	NA	NA	CTO 375	<1	NA	14.87
	51	8	0-500	agriculture	750	10	C	subsoil	NA	1.4	22	NA	NA	CTO 375	30 to 100	NA	16.35
	51	8	0-500	agriculture	750	10	C	subsoil	NA	1.4	22	NA	NA	BPCA	30 to 100	NA	7.8
	51	8	0-500	NA	750	10	C	subsoil	NA	2.1	11	7.5	NA	BPCA	30 to 100	NA	4.46

	51	8	0-500	NA	750	10	C	subsoil	NA	2.1	11	NA	NA	CTO 375	30 to 100	NA	3.16
(Rovira et al., 2009)	38.8	0.2	0-500	NA	825	17.4	C	topsoil	NA	3.07	NA	5.6	NA	Cr2O6	30 to 100	NA	23.18
	38.8	0.2	0-500	shrubs	825	17.4	C	topsoil	NA	2.89	NA	5.5	medium	Cr2O6	30 to 100	NA	18.6
	38.8	0.2	0-500	NA	825	17.4	C	topsoil	NA	3.73	NA	NA	medium	Cr2O6	30 to 100	NA	18.71
	38.8	0.2	0-500	shrubs	825	17.4	C	topsoil	NA	2.5	NA	5.5	high	Cr2O6	30 to 100	NA	18.79
	38.8	0.2	0-500	NA	825	17.4	C	topsoil	NA	4.62	NA	NA	NA	Cr2O6	30 to 100	NA	20.67
	38.8	0.2	0-500	NA	825	17.4	C	topsoil	NA	3.74	NA	NA	high	Cr2O6	30 to 100	NA	20.67
	38.8	0.2	0-500	NA	825	17.4	C	topsoil	NA	2.44	NA	NA	medium	Cr2O6	30 to 100	NA	20.96
	38.8	0.2	0-500	shrubs	825	17.4	C	topsoil	NA	5.4	NA	5.7	NA	Cr2O6	30 to 100	NA	21.07
(Rumpel et al., 2006)	102.3																
	19.88	3	500-1000	agriculture	1403	25	C	topsoil	NA	1.79	NA	5.4	NA	Cr2O6	30 to 100	2	17.23
	102.3																
	19.88	3	500-1000	agriculture	1403	25	C	topsoil	NA	2.65	NA	5.8	NA	Cr2O6	30 to 100	2	16.05
	102.3																
	19.88	3	500-1000	agriculture	1403	25	C	topsoil	NA	1.49	NA	5.3	NA	Cr2O6	30 to 100	2	16.05
	102.3																
	19.88	3	500-1000	agriculture	1403	25	C	topsoil	NA	2.04	NA	5.4	NA	Cr2O6	30 to 100	2	13.92
	102.3																
	19.88	3	500-1000	agriculture	1403	25	C	topsoil	NA	1.21	NA	5.7	NA	Cr2O6	30 to 100	2	12.98
	102.3																
	19.88	3	500-1000	agriculture	1403	25	C	topsoil	NA	1.71	NA	5.2	NA	Cr2O6	30 to 100	2	12.98
	102.3																
	19.88	3	500-1000	agriculture	1403	25	C	subsoil	NA	1.16	NA	5.1	NA	Cr2O6	30 to 100	2	10.86
	102.3																
	19.88	3	500-1000	agriculture	1403	25	C	subsoil	NA	1.59	NA	5.4	NA	Cr2O6	30 to 100	2	10.62
	102.3																
	19.88	3	500-1000	agriculture	1403	25	C	subsoil	NA	0.75	NA	5.1	NA	Cr2O6	30 to 100	2	9.91
	102.3																
	19.88	3	500-1000	agriculture	1403	25	C	subsoil	NA	5	NA	5.5	NA	Cr2O6	30 to 100	2	9.68
	102.3																
	19.88	3	500-1000	agriculture	1403	25	C	subsoil	NA	0.44	NA	5.3	NA	Cr2O6	30 to 100	2	9.44
	102.3																
	19.88	3	500-1000	agriculture	1403	25	C	subsoil	NA	8.1	NA	5	NA	Cr2O6	30 to 100	2	8.73

	19.88	102.3 3	500-1000	agriculture	1403	25	C	subsoil	NA	1.18	NA	5.2	NA	Cr2O6	30 to 100	2	8.26
	19.88	102.3 3	500-1000	agriculture	1403	25	C	subsoil	NA	0.75	NA	4.8	NA	Cr2O6	30 to 100	2	8.02
	19.88	102.3 3	500-1000	agriculture	1403	25	C	subsoil	NA	0.76	NA	5.1	NA	Cr2O6	30 to 100	2	6.84
(Schmid et al., 2002)	48.97	9.27	0-500	agriculture	NA	NA	C	subsoil	NA	4.1	NA	6.8	NA	UV Oxidation	<1	NA	37.07
	48.97	9.27	0-500	agriculture	NA	NA	C	subsoil	NA	1.04	NA	6.5	NA	UV Oxidation	<1	NA	35.58
	48.97	9.27	0-500	agriculture	NA	NA	C	subsoil	NA	0.95	NA	NA	NA	UV Oxidation	<1	NA	33.68
	48.97	9.27	0-500	agriculture	NA	NA	C	subsoil	NA	1.03	NA	NA	NA	UV Oxidation	<1	NA	21.36
	48.97	9.27	0-500	agriculture	NA	NA	C	subsoil	NA	0.37	NA	6.8	NA	UV Oxidation	<1	NA	16.22
	48.97	9.27	0-500	agriculture	NA	NA	C	subsoil	NA	1.02	NA	6.7	NA	UV Oxidation	<1	NA	14.71
	48.97	9.27	0-500	agriculture	NA	NA	C	subsoil	NA	0.23	NA	6.7	NA	UV Oxidation	<1	NA	13.04
	48.97	9.27	0-500	agriculture	NA	NA	C	subsoil	NA	1.48	NA	6.8	NA	UV Oxidation	<1	NA	7.43
	48.97	9.27	0-500	agriculture	NA	NA	C	subsoil	NA	0.49	NA	NA	NA	UV Oxidation	<1	NA	4.08
	48.97	9.27	0-500	agriculture	NA	NA	C	subsoil	NA	0.61	NA	NA	NA	UV Oxidation	<1	NA	1.64
(Schmidt et al., 1999)	48.42	11.57	0-500	forest	1400	NA	C	subsoil	NA	2.79	30.3	5.8	NA	UV Oxidation	<1	NA	30
	48.42	11.57	0-500	forest	1400	NA	C	subsoil	NA	3.74	25.7	7.6	NA	UV Oxidation	<1	NA	15
	51.97	5.67	0-500	agriculture	800	NA	C	topsoil	NA	1.75	3.3	7.6	NA	UV Oxidation	<1	NA	2
	52.15	9.95	0-500	grass	630	NA	C	subsoil	NA	1.78	23.9	6.9	NA	UV Oxidation	<1	NA	45
	52.15	9.95	0-500	grass	630	NA	C	subsoil	NA	1.19	17.6	6.1	NA	UV Oxidation	<1	NA	23
	52.15	9.95	0-500	grass	630	NA	C	topsoil	NA	2.36	21.7	6.9	NA	UV Oxidation	<1	NA	19
	52.15	9.95	0-500	grass	630	NA	C	topsoil	NA	1.83	16.8	5.9	NA	UV Oxidation	<1	NA	14
	52.27	10.52	0-500	grass	630	NA	C	subsoil	NA	1.28	18.7	7.4	NA	UV Oxidation	<1	NA	3
	52.27	10.52	0-500	grass	630	NA	C	subsoil	NA	1.33	22.1	7.6	NA	UV Oxidation	<1	NA	3
	52.27	10.52	0-500	grass	630	NA	C	topsoil	NA	1.35	18	7.2	NA	UV Oxidation	NA	NA	2
	52.27	10.52	0-500	NA	630	NA	C	NA	NA	1.9	NA	7.2	NA	CTO 375	<1	NA	15.8
	52.88	11.03	0-500	agriculture	480	NA	C	subsoil	NA	2.26	19.2	7	NA	UV Oxidation	NA	NA	15

	52.88	11.03	0-500	agriculture	480	NA	C	topsoil	NA	2.37	19.3	4	NA	UV Oxidation	<1	NA	9
	54.3	11.01	0-500	forest	480	NA	C	topsoil	NA	1.51	15.7	6.5	NA	UV Oxidation	<1	NA	2
	54.47	11.13	0-500	grass	570	NA	C	topsoil	NA	1.57	8.3	5.4	NA	UV Oxidation	<1	NA	4
	54.47	11.13	0-500	grass	570	NA	C	subsoil	NA	0.48	17.7	4.1	NA	UV Oxidation	NA	NA	8
	54.47	11.13	0-500	grass	570	NA	C	subsoil	NA	1.2	11.4	3.7	NA	UV Oxidation	<1	NA	15
(Schmidt et al., 2002)	47.85	11.6	500-1000	forest	NA	NA	C	subsoil	NA	2.79	NA	6.4	NA	UV Oxidation	<1	NA	30
	51.55	12	0-500	agriculture	NA	NA	C	subsoil	NA	2.26	NA	5.9	NA	UV Oxidation	30 to 100	3	15
	52.2	9.95	0-500	grass	NA	NA	C	subsoil	NA	1.28	NA	NA	NA	UV Oxidation	<1	NA	3
	52.2	9.9	0-500	grass	NA	NA	C	subsoil	NA	1.78	NA	NA	NA	UV Oxidation	<1	NA	45
	52.2	9.85	0-500	grass	NA	NA	C	subsoil	NA	1.19	NA	6	NA	UV Oxidation	30 to 100	3	23
	54.4	11.15	0-500	grass	NA	NA	C	subsoil	NA	1.2	NA	6.1	NA	UV Oxidation	NA	NA	15
(Schulze et al., 1999)	60.74	89.15	0-500	forest	663	-3.3	D	complete	NA	NA	NA	3.9	medium	other	30 to 100	3	1.87
(Shindo et al., 2004)	131.0																
	31.72	7	0-500	agriculture	NA	NA	C	subsoil	NA	8.8	NA	NA	NA	physical	<1	NA	10.28
	131.0																
	31.72	7	0-500	grass	NA	NA	C	subsoil	NA	8.38	NA	NA	NA	physical	<1	NA	7.86
	131.0																
	31.72	7	0-500	grass	NA	NA	C	subsoil	NA	9.56	NA	NA	NA	physical	<1	NA	5.43
	130.9																
	31.99	5	0-500	agriculture	NA	NA	C	subsoil	NA	7.83	NA	NA	NA	physical	30 to 100	NA	21.2
	130.6																
	32.72	7	0-500	grass	NA	NA	C	subsoil	NA	9.26	NA	NA	NA	physical	1 to 30	NA	15.55
	137.8																
	34.72	5	0-500	forest	NA	NA	C	subsoil	NA	4.74	NA	NA	NA	physical	<1	NA	3.38
	132.8																
	34.8	5	0-500	forest	NA	NA	C	subsoil	NA	5.82	NA	NA	NA	physical	<1	NA	6.17
	138.6																
	35.22	2	0-500	forest	NA	NA	C	subsoil	NA	18.1	NA	NA	NA	physical	>100	NA	19.61
	138.6																
	35.22	2	0-500	forest	NA	NA	C	subsoil	NA	8.47	NA	NA	NA	physical	>100	NA	4.13
	138.6																
	35.22	138.6	0-500	forest	NA	NA	C	subsoil	NA	11.8	NA	NA	NA	physical	<1	NA	3.8

		2															
	35.22	132.6 7	0-500	grass	NA	NA	C	subsoil	NA	14.6	NA	NA	NA	physical	<1	NA	32.74
	35.45	133.7 7	0-500	forest	NA	NA	C	subsoil	NA	12.5	NA	NA	NA	physical	30 to 100	NA	7.3
	35.55	134.8 2	0-500	forest	NA	NA	C	subsoil	NA	4.7	NA	NA	NA	physical	<1	NA	5.47
	35.55	134.8 2	0-500	forest	NA	NA	C	subsoil	NA	12.6	NA	NA	NA	physical	<1	NA	20
	36.03	140.0 7	0-500	grass	NA	NA	C	subsoil	NA	3.19	NA	NA	NA	physical	<1	NA	7.3
	36.38	139.7 3	0-500	forest	NA	NA	C	subsoil	NA	12.7	NA	NA	NA	physical	30 to 100	NA	7.65
	36.57	139.7 5	0-500	agriculture	NA	NA	C	subsoil	NA	5.61	NA	NA	NA	physical	<1	NA	7.27
	39.2	141.1 2	0-500	forest	NA	NA	C	subsoil	NA	11.2	NA	NA	NA	physical	<1	NA	26.16
	39.2	141.1 2	0-500	forest	NA	NA	C	subsoil	NA	11.5	NA	NA	NA	physical	<1	NA	21.39
	39.68	140.9 8	0-500	grass	NA	NA	C	subsoil	NA	7.83	NA	NA	NA	physical	<1	NA	11.58
	39.73	141.0 8	0-500	grass	NA	NA	C	subsoil	NA	3.94	NA	NA	NA	physical	<1	NA	6.37
	42.07	143.1 5	0-500	grass	NA	NA	C	subsoil	NA	12.5	NA	NA	NA	physical	1 to 30	NA	15.84
	42.07	143.1 5	0-500	grass	NA	NA	C	subsoil	NA	12.1	NA	NA	NA	physical	1 to 30	NA	9.17
	42.98	141.5 7	0-500	forest	NA	NA	C	subsoil	NA	7	NA	NA	NA	physical	1 to 30	NA	9.34
(Simpson and Hatcher, 2004)	-	151.9															
	27.57	5	500-1000	grass	955	15	C	topsoil	NA	2.7	50	7.4	NA	UV Oxidation	30 to 100	2	10.74
	28	-82	0-500	peat	1220	22	C	NA	NA	55.2	NA	7.6	NA	CTO 375	NA	NA	0.63
	52.27	10.52	0-500	grass	630	NA	C	topsoil	NA	0.5	18	5.9	NA	UV Oxidation	1 to 30	NA	5
	53.53	-113.5	500-1000	NA	480	4	D	NA	NA	5.2	NA	7.6	NA	CTO 375	NA	NA	22.3
(Skjemstad	-19.6	147.4	0-500	agriculture	1100	25	A	topsoil	1.3	2.25	28	5.6	NA	UV Oxidation	30 to 100	2	6.22

et al., 1999)	-19.6	147.4	0-500	agriculture	1100	25	A	topsoil	1.3	2.36	33	5.2	NA	UV Oxidation	<1	2	5.08
	-	146.1															
	18.65	5	0-500	agriculture	2061	25	A	topsoil	1.3	1.75	18	5.1	NA	UV Oxidation	30 to 100	2	42.86
	-	146.1															
	18.65	5	0-500	shrubs	2061	25	A	topsoil	1.3	2.41	10	6.6	NA	UV Oxidation	30 to 100	5	21.16
	-	146.1															
	18.65	5	0-500	grass	2061	25	A	topsoil	1.3	1.42	23	8	NA	UV Oxidation	30 to 100	2	9.15
(Skjemstad et al., 2001)	-	146.1															
	18.65	5	0-500	agriculture	2061	25	A	topsoil	1.3	1.05	22	5.9	NA	UV Oxidation	30 to 100	2	7.62
	-	151.9															
	27.57	5	500-1000	agriculture	955	15	C	topsoil	NA	1.25	78	4.7	NA	UV Oxidation	30 to 100	2	51.2
	-	151.9															
	27.57	5	500-1000	agriculture	955	15	C	topsoil	NA	1.14	80	4.3	NA	UV Oxidation	30 to 100	2	50.88
	-	151.9															
	27.57	5	500-1000	agriculture	955	15	C	topsoil	NA	1.21	78	4.3	NA	UV Oxidation	30 to 100	2	48.76
	-	151.9															
	27.57	5	500-1000	grass	955	15	C	topsoil	NA	1.82	69	4.3	NA	UV Oxidation	30 to 100	2	28.02
	-	151.9															
	27.57	5	500-1000	agriculture	955	15	C	topsoil	NA	0.75	52	NA	NA	UV Oxidation	30 to 100	2	26.67
(Skjemstad et al., 2002)	-	151.9															
	27.57	5	500-1000	agriculture	955	15	C	topsoil	NA	0.94	50	NA	NA	UV Oxidation	30 to 100	2	21.28
	-	151.9															
	27.57	5	500-1000	agriculture	955	15	C	topsoil	NA	1.19	53	NA	NA	UV Oxidation	30 to 100	2	24.37
	-	151.9															
	27.57	5	500-1000	NA	955	NA	C	NA	NA	3.5	NA	4.3	NA	CTO 375	NA	NA	17.4
(Song et al., 2002)	31.08	-97.36	0-500	agriculture	937	19	C	topsoil	NA	3.69	50	6.8	NA	UV Oxidation	1 to 30	2	20.6
	41.53	-88.12	0-500	agriculture	121	10	D	topsoil	NA	2.87	40	5.7	NA	UV Oxidation	<1	NA	23
	45.72	-94.08	0-500	agriculture	NA	NA	C	topsoil	NA	4.13	32	7.4	NA	UV Oxidation	1 to 30	NA	32.93
	45.72	-118	1500-2000	agriculture	321	11	B	topsoil	NA	1.03	13	6.2	NA	UV Oxidation	30 to 100	3	34.95
	45.76	-93.07	0-500	agriculture	NA	NA	D	topsoil	NA	1.86	10	5.6	NA	UV Oxidation	30 to 100	NA	9.68
(Song et al., 2002)	113.2																
	23.13	7	0-500	agriculture	1982	22	C	topsoil	NA	1.55	NA	NA	NA	NMR	1 to 30	2	35.9
(Soucémária)	49.07	-74.35	0-500	forest	950	-0.5	D	complete	NA	NA	5	NA	low	other	1 to 30	4	4.31

nadin et al., 2014)	49.28	-73.9	0-500	forest	950	-0.5	D	complete	NA	NA	5	NA	low	other	>100	4	2.07
	49.32	-73.89	0-500	forest	950	-0.5	D	complete	NA	NA	5	NA	low	other	>100	4	2.04
	50.3	-72.07	0-500	forest	950	-0.5	D	complete	NA	NA	5	NA	low	other	>100	4	1.79
	50.32	-72.05	500-1000	forest	950	-0.5	D	complete	NA	NA	5	NA	low	other	>100	4	1.01
	50.33	-73.92	0-500	forest	950	-1.25	D	complete	NA	NA	5	8.4	low	other	NA	NA	2.2
	50.35	-73.7	0-500	forest	950	-1.25	D	complete	NA	NA	5	8	low	other	NA	NA	2.03
	50.35	-73.7	0-500	forest	950	-1.25	D	complete	NA	NA	5	8.2	low	other	NA	NA	1.2
	50.39	-73.96	0-500	forest	950	-1.25	D	complete	NA	NA	5	8	low	other	NA	NA	4.01
	50.47	-76.57	0-500	forest	825	-1.25	D	complete	NA	NA	8	4.3	low	other	>100	4	2.86
	50.48	-76.55	0-500	forest	825	-1.25	D	complete	NA	NA	8	4.2	low	other	>100	4	1.92
	50.5	-76.35	0-500	forest	825	-1.25	D	complete	NA	NA	8	4.2	low	other	30 to 100	4	1.24
	50.52	-76.34	0-500	forest	825	-1.25	D	complete	NA	NA	8	4.2	low	other	30 to 100	4	1.71
	50.56	-68.83	0-500	forest	1100	-1.25	D	complete	NA	NA	5	NA	low	other	>100	4	0.6
	50.58	-68.77	0-500	forest	1100	-1.25	D	complete	NA	NA	5	NA	low	other	>100	4	3.39
	50.6	-74.77	0-500	forest	830	-1.75	D	complete	NA	NA	4	7.1	low	other	30 to 100	4	1.62
	50.6	-74.78	0-500	forest	830	-1.75	D	complete	NA	NA	4	7.8	low	other	30 to 100	4	1.09
	50.7	-74.78	0-500	forest	830	-1.75	D	complete	NA	NA	4	8.2	low	other	30 to 100	4	4.76
	50.83	-68.98	0-500	forest	1100	-1.25	D	complete	NA	NA	5	NA	low	other	>100	4	3.93
	50.83	-68.99	0-500	forest	1100	-1.25	D	complete	NA	NA	5	NA	low	other	<1	4	1.34
	50.97	-74.57	0-500	forest	950	-1.25	D	complete	NA	NA	5	4.2	low	other	30 to 100	4	2.33
	50.97	-75.22	0-500	forest	830	-1.75	D	complete	NA	NA	4	4.2	low	other	>100	4	1.41
	50.98	-75.22	0-500	forest	830	-1.75	D	complete	NA	NA	4	8.2	low	other	30 to 100	4	1.6
(Van den Heuvel et al., 2005)	38.6	-121.5	0-500	NA	NA	NA	C	topsoil	NA	0.33	NA	6.3	NA	other	30 to 100	3	27.52
	39.75	-75.55	0-500	NA	NA	NA	C	topsoil	NA	1.35	NA	5.9	NA	other	1 to 30	2	8.41
	41.4	-72.9	0-500	NA	NA	NA	C	topsoil	NA	1.36	NA	5.4	NA	other	1 to 30	2	16.69
	42.3	-83.75	0-500	NA	NA	NA	D	topsoil	NA	0.23	NA	6.8	NA	other	<1	NA	39.48

	46	9	0-500	NA	NA	NA	C	topsoil	NA	1.57	NA	NA	NA	other	30 to 100	NA	44.82
	46	9	0-500	NA	NA	NA	C	topsoil	NA	1.48	NA	NA	NA	other	30 to 100	NA	10.74
	53.5	-2	0-500	NA	NA	NA	C	topsoil	NA	1.8	NA	NA	NA	other	>100	NA	29.01
	55.97	8.65	0-500	NA	NA	NA	C	topsoil	NA	1.48	NA	NA	NA	other	30 to 100	NA	44.48
(Wiedemeier et al., 2013)	-																
	36.52	149.5	0-500	peat	1000	15	C	subsoil	NA	20.09	NA	NA	NA	BPCA	30 to 100	3	21
	-																
	36.52	149.5	0-500	peat	1000	15	C	subsoil	NA	6.38	NA	NA	NA	BPCA	30 to 100	3	14.3
	-																
	36.52	149.5	0-500	peat	1000	15	C	topsoil	NA	27.12	NA	NA	NA	BPCA	30 to 100	3	13.54
	-																
	36.52	149.5	0-500	peat	1000	15	C	subsoil	NA	35.47	NA	NA	NA	BPCA	30 to 100	3	12.27
(Yang et al., 2010)	32.75	-97.32	0-500	urban	880	18.6	C	topsoil	NA	2.8	NA	4.3	NA	Cr2O6	>100	NA	1.34
	32.75	-97.32	0-500	urban	880	18.6	C	topsoil	NA	4	NA	NA	NA	Cr2O6	<1	NA	0.76
	32.75	-97.32	0-500	urban	880	18.6	C	topsoil	NA	2.8	NA	4.3	NA	CTO 375	<1	NA	0.44
	32.75	-97.32	0-500	urban	880	18.6	C	topsoil	NA	4	NA	NA	NA	CTO 375	30 to 100	NA	0.29
(Zhan et al., 2013)	107.9																
	34.34	3	500-1000	grass	600	13.3	C	subsoil	1.2	0.45	NA	NA	NA	other	1 to 30	2	16.62
	107.9																
	34.34	3	500-1000	grass	600	13.3	C	topsoil	1.21	0.65	NA	NA	NA	other	1 to 30	2	8.62
	107.9																
	34.34	3	500-1000	grass	600	13.3	C	subsoil	1.2	0.6	NA	NA	NA	other	1 to 30	2	7.94
	34.74	105	1000-1500	grass	490	11	B	subsoil	1.25	0.14	NA	NA	NA	other	<1	NA	19.44
	34.74	105	1000-1500	grass	490	11	B	subsoil	1.25	0.32	NA	NA	NA	other	<1	NA	10.15
	34.74	105	1500	grass	490	11	B	topsoil	1.37	0.63	NA	NA	NA	other	<1	NA	6.88
	34.98	106.2	1500-2000	grass	490	12	B	topsoil	1.15	0.74	NA	NA	NA	other	<1	NA	13.7
	34.98	106.2	1500-2000	grass	490	12	B	subsoil	1.11	0.67	NA	NA	NA	other	<1	NA	9.04
	34.98	106.2	1500-	grass	490	12	B	subsoil	1.11	0.77	NA	NA	NA	other	<1	NA	6.33

	4	2000														
	110.1															
35.21	2	500-1000	grass	529	14.4	B	subsoil	1.47	0.06	NA	NA	NA	other	1 to 30	2	21.79
	110.1															
35.21	2	500-1000	grass	529	14.4	B	topsoil	1.15	0.24	NA	NA	NA	other	1 to 30	2	20.64
	110.1															
35.21	2	500-1000	grass	529	14.4	B	subsoil	1.22	0.17	NA	NA	NA	other	1 to 30	2	18.57
	104.6	1500-														
35.48	9	2000	grass	450	8	D	subsoil	1.1	0.65	NA	NA	NA	other	<1	NA	5.98
	104.6	1500-														
35.48	9	2000	grass	450	8	D	topsoil	1.16	0.81	NA	NA	NA	other	30 to 100	NA	5.08
	104.6	1500-														
35.48	9	2000	grass	450	8	D	subsoil	1.04	0.81	NA	NA	NA	other	<1	NA	3.33
	106.2	1000-														
35.68	4	1500	grass	480	9	D	topsoil	1.17	1.37	NA	NA	NA	other	<1	NA	5.69
	106.2	1000-														
35.68	4	1500	grass	480	9	D	subsoil	1.13	1.09	NA	NA	NA	other	30 to 100	NA	3.98
	106.2	1000-														
35.68	4	1500	grass	480	9	D	subsoil	1.1	0.98	NA	NA	NA	other	<1	NA	3.17
	103.4															
35.71	3	>2000	grass	350	7	B	subsoil	1.15	0.26	NA	NA	NA	other	<1	NA	20.61
	103.4															
35.71	3	>2000	grass	350	7	B	subsoil	1.23	0.35	NA	NA	NA	other	<1	NA	18.78
	103.4															
35.71	3	>2000	grass	350	7	B	topsoil	1.36	0.41	NA	NA	NA	other	<1	NA	14.03
	107.9	1000-														
35.95	3	1500	grass	570	8.5	D	subsoil	1.26	0.24	NA	NA	NA	other	<1	NA	14.4
	107.9	1000-														
35.95	3	1500	grass	570	8.5	D	subsoil	1.29	0.32	NA	NA	NA	other	<1	NA	10.26
	107.9	1000-														
35.95	3	1500	grass	570	8.5	D	topsoil	1.31	0.69	NA	NA	NA	other	<1	NA	8.55
	103.0	1500-														
36.24	5	2000	grass	315	9.8	B	topsoil	1.29	0.32	NA	NA	NA	other	<1	NA	32.85
	103.0	1500-														
36.24	5	2000	grass	315	9.8	B	subsoil	1.24	0.13	NA	NA	NA	other	<1	NA	27.1
	103.0	1500-														
36.24	103.0	1500-	grass	315	9.8	B	subsoil	1.15	0.19	NA	NA	NA	other	<1	NA	15.42

	5	2000														
36.56	104.6	1000-1500	grass	200	10	B	topsoil	1.11	0.36	NA	NA	NA	other	<1	NA	14.25
36.56	104.6	1000-1500	grass	200	10	B	subsoil	1.26	0.33	NA	NA	NA	other	1 to 30	NA	14.22
36.56	104.6	1000-1500	grass	200	10	B	subsoil	1.26	0.27	NA	NA	NA	other	<1	NA	8.53
36.66	109.1	1000-1500	grass	510	10.3	D	subsoil	1.29	0.12	NA	NA	NA	other	1 to 30	NA	12.03
36.66	109.1	1000-1500	grass	510	10.3	D	subsoil	1.3	0.25	NA	NA	NA	other	<1	NA	9.12
36.66	109.1	1000-1500	grass	510	10.3	D	topsoil	1.31	0.33	NA	NA	NA	other	<1	NA	6.57
36.67	106.1	1000-1500	grass	435	7	D	subsoil	1.29	0.21	NA	NA	NA	other	<1	NA	21.48
36.67	106.1	1000-1500	grass	435	7	D	topsoil	1.26	0.17	NA	NA	NA	other	<1	NA	13.7
36.67	106.1	1000-1500	grass	435	7	D	subsoil	1.3	0.19	NA	NA	NA	other	<1	NA	12.73
36.9	111.1	1000-1500	grass	470	12.6	B	subsoil	1.38	0.32	NA	NA	NA	other	1 to 30	NA	9.99
36.9	111.1	1000-1500	grass	470	12.6	B	subsoil	1.37	0.45	NA	3.9	NA	other	1 to 30	NA	8.59
36.9	111.1	1000-1500	grass	470	12.6	B	topsoil	1.37	0.99	NA	3.9	NA	other	1 to 30	NA	5.17
37.19	106.7	1500-2000	grass	510	10	D	subsoil	1.42	0.11	NA	NA	NA	other	<1	NA	13.14
37.19	106.7	1500-2000	grass	510	10	D	subsoil	1.34	0.2	NA	NA	NA	other	<1	NA	7.49
37.19	106.7	1500-2000	grass	510	10	D	topsoil	1.26	0.24	NA	NA	NA	other	<1	NA	6.93
37.51	108.4	1000-1500	grass	450	8.8	B	subsoil	1.42	0.09	NA	NA	NA	other	<1	NA	15.27
37.51	108.4	1000-1500	grass	450	8.8	B	subsoil	1.49	0.1	NA	NA	NA	other	<1	NA	14.77
37.51	108.4	1000-	grass	450	8.8	B	topsoil	1.44	0.1	NA	NA	NA	other	<1	NA	24.83

	5	1500														
	111.0	1000-														
37.99	9	1500	grass	460	9.1	D	subsoil	1.26	0.19	NA	3.9	NA	other	30 to 100	3	15.55
	111.0	1000-														
37.99	9	1500	grass	460	9.1	D	subsoil	1.32	0.14	NA	NA	NA	other	1 to 30	3	17.74
	111.0	1000-														
37.99	9	1500	grass	460	9.1	D	topsoil	1.23	0.36	NA	NA	NA	other	1 to 30	3	11.04
	108.4	1000-														
38.13	5	1500	grass	450	8.8	B	subsoil	1.71	0.04	NA	NA	NA	other	<1	NA	22.45
	108.4	1000-														
38.13	5	1500	grass	450	8.8	B	subsoil	1.77	0.05	NA	NA	NA	other	<1	NA	18.95
	108.4	1000-														
38.13	5	1500	grass	450	8.8	B	topsoil	1.69	0.05	NA	NA	NA	other	>100	NA	17.98
	111.1															
39.11	5	500-1000	grass	400	7	B	subsoil	1.52	0.05	NA	NA	NA	other	<1	NA	31.17
	111.1															
39.11	5	500-1000	grass	400	7	B	subsoil	1.52	0.05	NA	NA	NA	other	<1	NA	30.77
	111.1															
39.11	5	500-1000	grass	400	7	B	topsoil	1.42	0.15	NA	NA	NA	other	<1	NA	10.95

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