

Supplementary

PM1 in Ambient and Indoor Air—Urban and Rural Areas in the Upper Silesian Region, Poland

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Table S1. The concentration of PM1 ($\mu\text{g}/\text{m}^3$) and trace elements (ng/m^3) in indoor air and outdoor air. (There were 4 points \times 3 campaigns =12 filters of PM1 in the surroundings of power plants, 12 of filters of PM1 in the surroundings coking plants, and 9 points = 9 filters of PM1 in preschools).

Location	Concentration							
	$\mu\text{g}/\text{m}^3$	ng/m^3						
	PM1	Cd	Cr	Mn	Ni	Pb	Sb	Se
PU1	37.03	7.82	81.42	11.56	12.76	23.36	0.66	0.52
PU1	52.43	9.58	108.09	12.13	5.78	25.02	1.46	1.30
PU2	64.94	9.02	127.78	18.76	11.32	27.63	1.31	0.62
PU2	50.49	10.09	199.01	15.22	12.52	8.80	0.96	0.56
PR3	31.61	9.61	204.48	9.28	7.77	25.68	0.34	0.30
PR3	26.77	7.96	207.68	5.58	0.36	14.32	0.29	0.14
PR3	56.12	10.16	221.39	15.69	2.94	11.12	0.73	0.75
PR4	65.30	8.78	229.69	11.72	9.25	2.64	0.01	0.04
PR4	45.62	10.26	231.52	17.97	10.72	9.45	0.13	0.95
ER1	11.72	0.45	21.80	3.73	2.31	6.78	0.55	7.12
ER1	17.56	0.47	21.31	4.45	2.26	7.64	0.54	7.19
ER1	8.80	0.46	21.29	6.03	2.45	7.33	1.89	7.01
ER2	11.56	0.44	21.51	4.72	2.21	9.62	0.54	7.22
ER2	13.96	0.57	21.37	6.10	2.01	10.92	0.67	8.02
ER2	4.24	0.54	21.58	4.43	1.98	9.19	0.47	7.90
ER3	10.29	0.17	8.61	2.14	0.50	7.41	0.20	1.97
ER3	6.03	0.44	8.59	3.59	0.34	13.20	0.57	0.78
ER3	9.08	0.55	8.20	4.07	6.99	13.03	0.54	0.92
ER4	9.58	0.90	8.64	7.80	0.54	26.42	2.18	1.74
ER4	11.62	0.84	8.56	5.12	0.32	14.75	1.69	1.24
ER4	4.31	0.54	8.60	4.21	0.25	13.10	1.14	1.12
KR1	6.56	0.67	9.02	5.34	1.58	15.02	1.44	3.14
KR1	8.76	0.67	9.71	5.02	2.57	19.14	2.02	3.64
KR1	14.66	0.57	10.49	4.34	0.75	14.34	1.02	3.48
KR2	9.26	0.60	9.83	11.54	0.89	18.60	0.94	3.81
KR2	17.12	0.78	9.71	18.89	1.21	12.96	1.05	3.44
KR2	14.99	0.37	9.68	7.59	0.70	10.98	0.86	3.50
KR3	3.16	1.31	26.90	10.96	5.56	31.13	1.05	1.01
KR3	3.10	0.95	26.77	7.47	4.73	23.88	0.68	0.95
KR3	3.08	0.75	27.00	11.81	5.00	32.15	1.02	1.12
KU4	19.15	2.20	27.83	11.50	6.38	80.71	2.74	2.20
KU4	18.13	1.60	27.36	8.30	5.49	43.53	1.31	1.27
KU4	22.65	1.87	26.86	15.52	4.64	97.61	1.47	1.29

Table S2. Coordinates of the sampling points.

Location	Coordinate	Time Period
PU1	50°16'44.75" N; 18°39'23.35" E	24 March–23 May 2014
PU2	50°17'18.21" N; 18°40'6.92" E	
PR3	50°22'6.27" N; 18°41'2.90" E	
PR4	50°21'50.73" N; 18°43'56.79" E	
ER1	50°08'37.87" N; 18°32'15.76" E	4 May–28 August 2015
ER2	50°45'35.41" N; 17°56'20.43" E	
ER3	50°12'33.46" N; 19°28'28.77" E	
ER4	50°13'48.90" N; 19°13'24.45" E	
KR1	50°10' 11.36" N; 18°40'34.35" E	28 May–20 September 2014
KR2	50°3'19.76" N; 18°30'21.69" E	
KR3	50°21'24.08" N; 19°21'37.46" E	
KU4	50°21'0.47" N; 18°53'15.44" E	



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