

Supplementary Materials: Seasonal Variations and Sources of 17 Aerosol Metal Elements in Suburban Nanjing, China. *Atmosphere*, 2016, 7, 153.

Lu Qi, Mindong Chen, Xinlei Ge, Yafei Zhang and Bingfang Guo

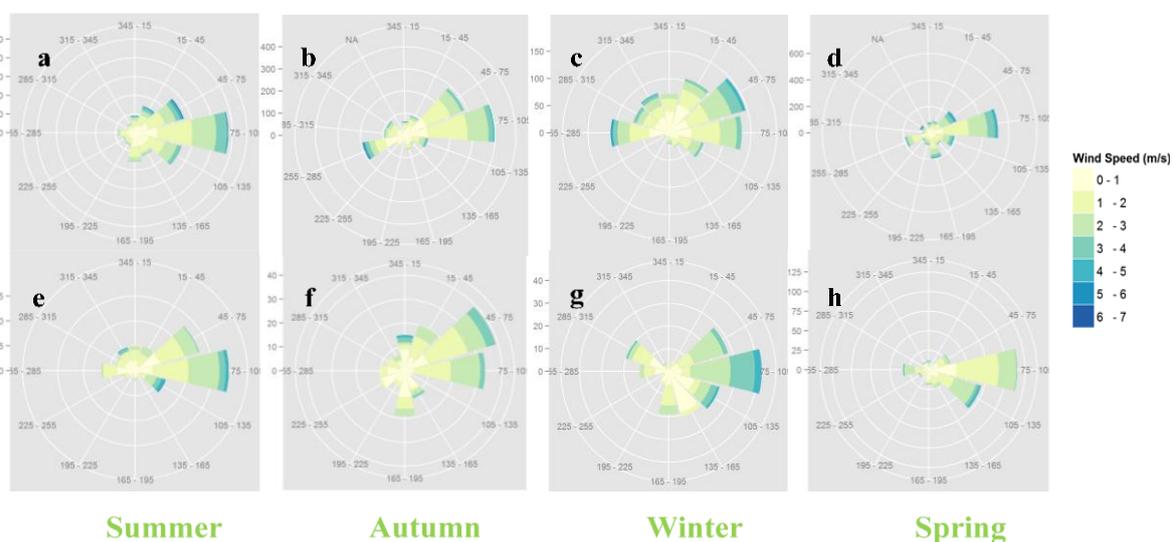


Figure S1. The comparison of wind direction and wind speed between four seasons and collecting days. (a–d) shows the WD and WS in different seasons (data of per hour); (e–h) shows the WD and WS in the collecting days.

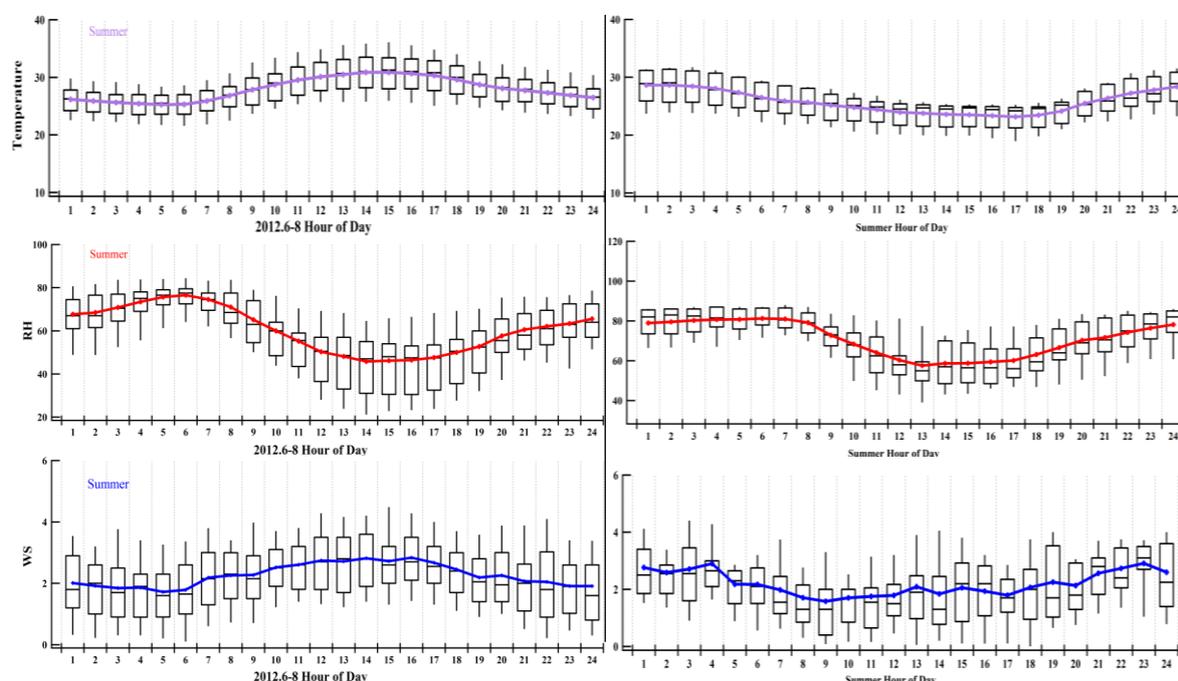


Figure S2. The comparison of diurnal variation of Temperature, Relative humidity, Wind speed between whole the summer (data of per hour) and collection days in summer.

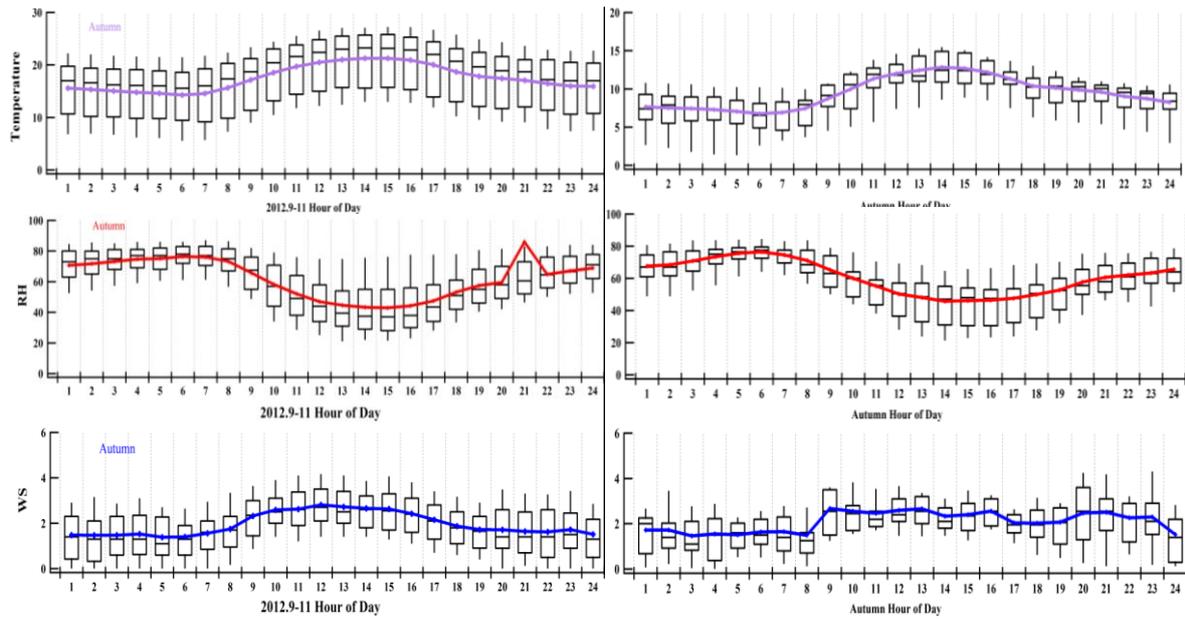


Figure S3. The comparison of diurnal variation of Temperature, Relative humidity, Wind speed between whole the autumn (data of per hour) and collection days in autumn.

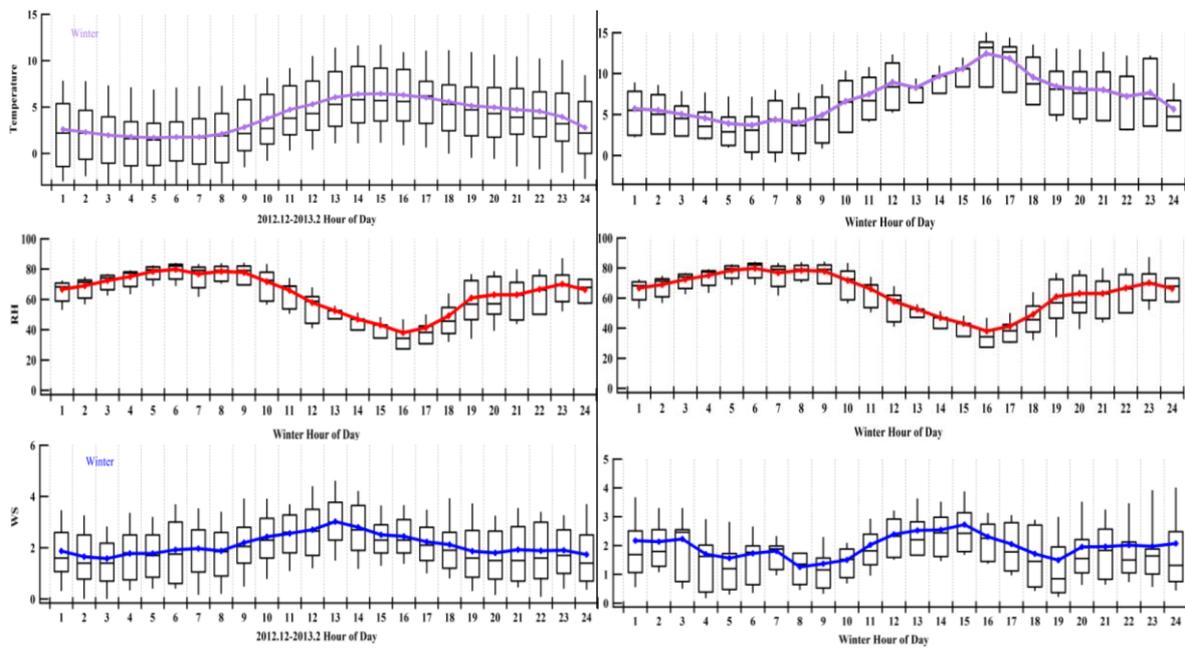


Figure S4. The comparison of diurnal variation of Temperature, Relative humidity, Wind speed between whole the winter (data of per hour) and collection days in winter.

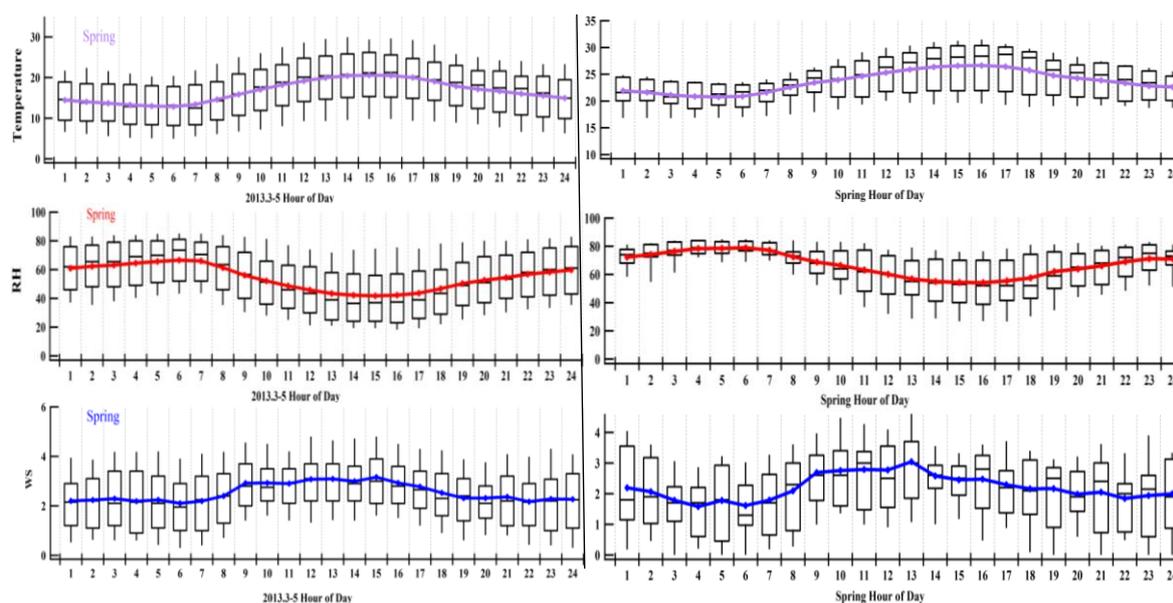


Figure S5. The comparison of diurnal variation of Temperature, Relative humidity, Wind speed between whole the spring (data of per hour) and collection days in spring.

Table S1. The date of sixty-four samples.

Summer	Autumn	Winter	Spring
23 August 2012 20:00–8:00	17 and 18 November 2012 20:00–8:00	25 and 26 January 2013 20:00–8:00	20 and 21 May 2013 20:00–8:00
24 August 2012 8:00–20:00	18 November 2012 8:00–20:00	26 January 2013 8:00–20:00	21 May 2013 8:00–20:00
24 and 25 August 2012 20:00–8:00	18 and 19 November 2012 20:00–8:00	26 and 27 January 2013 20:00–8:00	22 May 2013 8:00–20:00
25 August 2012 8:00–20:00	19 November 2012 8:00–20:00	27 January 2013 8:00–20:00	22 and 23 May 2013 20:00–8:00
26 August 2012 8:00–20:00	19 and 20 November 2012 20:00–8:00	27 and 28 January 2013 20:00–8:00	23 May 2013 8:00–20:00
26 and 27 August 2012 20:00–8:00	20 November 2012 8:00–20:00	28 January 2013 8:00–20:00	23 and 24 May 2013 20:00–8:00
29 August 2012 8:00–20:00	20 and 21 November 2012 20:00–8:00	28 and 29 January 2012 20:00–8:00	24 May 2013 8:00–20:00
29 and 30 August 2012 20:00–8:00	24 November 2012 8:00–20:00	29 January 2013 8:00–20:00	24 and 25 May 2013 20:00–8:00
30 August 2012 8:00–20:00	25 November 2012 8:00–20:00	29 and 30 January 2013 20:00–8:00	25 May 2013 8:00–20:00
30 and 31 August 2012 20:00–8:00	26 November 2012 8:00–20:00	30 January 2013 8:00–20:00	28 May 2013 8:00–20:00
31 August 2012 8:00–20:00	26 and 27 November 2012 20:00–8:00	-	28 and 29 May 2013 20:00–8:00
1 September 2012 8:00–20:00	27 November 2012 8:00–20:00	-	29 May 2013 8:00–20:00
1 and 2 September 2012 20:00–8:00	27 and 28 November 2012 20:00–8:00	-	2 June 2013 8:00–20:00
2 September 2012 8:00–20:00	28 November 2012 8:00–20:00	-	2 and 3 June 2013 20:00–8:00
4 September 2012 8:00–20:00	-	-	3 and 4 June 2013 20:00–8:00
4 and 5 September 2012 20:00–8:00	-	-	4 June 2013 8:00–20:00
5 September 2012 8:00–20:00	-	-	4 and 5 June 2013 20:00–8:00
5 and 6 September 2012 20:00–8:00	-	-	5 June 2013 8:00–20:00
6 September 2012 8:00–20:00	-	-	5 and 6 June 2013 20:00–8:00
8 September 2012 8:00–20:00	-	-	6 June 2013 8:00–20:00

Table S2. The recovery of the two certified materials of soil (GBW07403) and fly ash (GBW08401) ($n = 10$).

Element	Recovery (%) of GBW07403	Recovery (%) of GBW08401
Na	104.3 ± 2.2	103.2 ± 4.5
Mg	95.6 ± 4.5	101.1 ± 3.1
Al	96.3 ± 2.1	96.4 ± 6.2
V	99.8 ± 5.1	99.7 ± 2.3
Cr	101.2 ± 3.6	104.2 ± 3.6
Mn	95.6 ± 2.2	95.9 ± 2.5

Table S2. Cont.

Element	Recovery (%) of GBW07403	Recovery (%) of GBW08401
Ni	102.5 ± 5.3	105.3 ± 4.9
Cu	93.2 ± 2.9	96.8 ± 4.1
Zn	97.1 ± 4.3	97.3 ± 3.5
As	99.3 ± 3.8	95.4 ± 4.7
Se	100.9 ± 6.2	99.2 ± 2.2
Sr	96.3 ± 2.13	97.6 ± 3.5
Cd	99.1 ± 5.1	98.7 ± 5.5
Ba	102.7 ± 5.6	93.9 ± 4.3
Pb	101.2 ± 6.6	99.4 ± 2.9
Mo	98.6 ± 4.8	99.9 ± 3.8
Sb	96.4 ± 4.2	102.3 ± 1.4



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