

# Accepted Manuscript

Two-year continuous measurements of carbonaceous aerosols in urban Beijing, China: Temporal variations, characteristics and source analyses

Dongsheng Ji, Yingchao Yan, Zhanshan Wang, Jun He, Baoxian Liu, Yang Sun, Meng Gao, Yi Li, Wan Cao, Yang Cui, Bo Hu, Jinyuan Xin, Lili Wang, Zirui Liu, Guiqian Tang, Yuesi Wang

PII: S0045-6535(18)30269-8

DOI: [10.1016/j.chemosphere.2018.02.067](https://doi.org/10.1016/j.chemosphere.2018.02.067)

Reference: CHEM 20825

To appear in: *ECSN*

Received Date: 10 December 2017

Revised Date: 8 February 2018

Accepted Date: 9 February 2018

Please cite this article as: Ji, D., Yan, Y., Wang, Z., He, J., Liu, B., Sun, Y., Gao, M., Li, Y., Cao, W., Cui, Y., Hu, B., Xin, J., Wang, L., Liu, Z., Tang, G., Wang, Y., Two-year continuous measurements of carbonaceous aerosols in urban Beijing, China: Temporal variations, characteristics and source analyses, *Chemosphere* (2018), doi: 10.1016/j.chemosphere.2018.02.067.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



**Two-year continuous measurements of carbonaceous aerosols in urban Beijing, China: temporal variations, characteristics and source analyses**

Dongsheng Ji<sup>1\*</sup>, Yingchao Yan<sup>1,2</sup>, Zhanshan Wang<sup>3</sup>, Jun He<sup>4</sup>, Baoxian Liu<sup>3</sup>, Yang Sun<sup>1</sup>, Meng Gao<sup>5</sup>, Yi Li<sup>6</sup>, Wan Cao<sup>1,2</sup>, Yang Cui<sup>1,2</sup>, Bo Hu<sup>1</sup>, Jinyuan Xin<sup>1</sup>, Lili Wang<sup>1</sup>, Zirui Liu<sup>1</sup>, Guiqian Tang<sup>1</sup>, Yuesi Wang<sup>1\*</sup>

<sup>1</sup> State Key Laboratory of Atmospheric Boundary Layer Physics and Atmospheric Chemistry, Institute of Atmospheric Physics, Chinese Academy of Sciences, Beijing, China

<sup>2</sup> University of Chinese Academy of Sciences, Beijing, China

<sup>3</sup> Beijing Municipal Environmental Monitoring Center, Beijing, China

<sup>4</sup> Natural Resources and Environment Research Group, International Doctoral Innovation Centre, Department of Chemical and Environmental Engineering, University of Nottingham Ningbo China, Ningbo, China

<sup>5</sup> John A. Paulson School of Engineering and Applied Sciences, Harvard University, Cambridge MA, USA

<sup>6</sup> Arizona Department of Environmental Quality, Phoenix, AZ, USA

\* Corresponding author

Email address: [jds@mail.iap.ac.cn](mailto:jds@mail.iap.ac.cn); [wys@dq.cern.ac.cn](mailto:wys@dq.cern.ac.cn)

Download English Version:

<https://daneshyari.com/en/article/8851674>

Download Persian Version:

<https://daneshyari.com/article/8851674>

[Daneshyari.com](https://daneshyari.com)