

Accepted Manuscript

Boundary layer structure and scavenging effect during a typical winter haze-fog episode in a core city of BTH region, China

Suqin Han, Jingle Liu, Tianyi Hao, Yufen Zhang, Peiyan Li, Jianbo Yang, Qinliang Wang, Ziyang Cai, Qing Yao, Min Zhang, Xiujun Wang



PII: S1352-2310(18)30101-8

DOI: [10.1016/j.atmosenv.2018.02.023](https://doi.org/10.1016/j.atmosenv.2018.02.023)

Reference: AEA 15840

To appear in: *Atmospheric Environment*

Received Date: 5 July 2017

Revised Date: 22 January 2018

Accepted Date: 10 February 2018

Please cite this article as: Han, S., Liu, J., Hao, T., Zhang, Y., Li, P., Yang, J., Wang, Q., Cai, Z., Yao, Q., Zhang, M., Wang, X., Boundary layer structure and scavenging effect during a typical winter haze-fog episode in a core city of BTH region, China, *Atmospheric Environment* (2018), doi: 10.1016/j.atmosenv.2018.02.023.

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.

1 **Boundary layer structure and scavenging effect during a**
2 **typical winter haze-fog episode in a core city of BTH**
3 **region,China**

4 **Suqin Han^a, Jingle Liu^a, Tianyi Hao^a, Yufen Zhang^{b*}, Peiyan Li^a, JianboYang^a,**
5 **Qinliang Wang^a, Ziyang Cai^a, Qing Yao^a, Min Zhang^a, Xiujun Wang^c**

6 ^a Tianjin Institute of Meteorological Science, Tianjin 300074, China

7 ^b State Environmental Protection Key Laboratory of Urban Ambient Air Particulate
8 Matter Pollution Prevention and Control, College of Environmental Science and
9 Engineering, Nankai University, Tianjin 300071, China

10 ^c Wuxi CAS Photonics Company Limited, Wuxi 214135, China

11

12 * *Corresponding author.* State Environmental Protection Key Laboratory of Urban Ambient Air
13 Particulate Matter Pollution Prevention and Control, College of Environmental Science and
14 Engineering, Nankai University, Tianjin, 300071, China

15 *E-mail address: zhafox@126.com(Y.F. Zhang)*

16

17

18

19

20

21

22

23

24

25

26

27

28

Download English Version:

<https://daneshyari.com/en/article/8863966>

Download Persian Version:

<https://daneshyari.com/article/8863966>

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