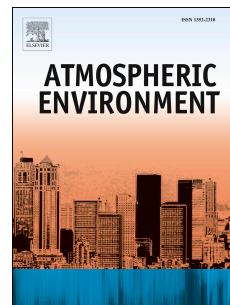


# Accepted Manuscript

Chemical, optical and radiative characteristics of aerosols during haze episodes of winter in the North China Plain

Jing Ding, Yufen Zhang, Suqin Han, Zhimei Xiao, Jiao Wang, Yinchang Feng



PII: S1352-2310(18)30145-6

DOI: [10.1016/j.atmosenv.2018.03.006](https://doi.org/10.1016/j.atmosenv.2018.03.006)

Reference: AEA 15876

To appear in: *Atmospheric Environment*

Received Date: 15 November 2017

Revised Date: 26 February 2018

Accepted Date: 3 March 2018

Please cite this article as: Ding, J., Zhang, Y., Han, S., Xiao, Z., Wang, J., Feng, Y., Chemical, optical and radiative characteristics of aerosols during haze episodes of winter in the North China Plain, *Atmospheric Environment* (2018), doi: 10.1016/j.atmosenv.2018.03.006.

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 **Chemical, optical and radiative characteristics of aerosols**  
2 **during haze episodes of winter in the North China Plain**

3 **Jing Ding<sup>a</sup>, Yufen Zhang<sup>a,\*</sup>, Suqin Han<sup>b,\*</sup>, Zhimei Xiao<sup>c</sup>, Jiao Wang<sup>a</sup>,**  
4 **Yinchang Feng<sup>a</sup>**

5 <sup>a</sup>State Environmental Protection Key Laboratory of Urban Ambient Air Particulate  
6 Matter Pollution Prevention and Control, College of Environmental Science and  
7 Engineering, Nankai University, Tianjin, China

8 <sup>b</sup>Tianjin Institute of Meteorological Science, Tianjin, China

9 <sup>c</sup>Tianjin Environmental Monitoring Center, Tianjin, China

10

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

14 *E-mail address:* [zhafox@nankai.edu.cn](mailto:zhafox@nankai.edu.cn) (Y.F. Zhang); [sq\\_han@126.com](mailto:sq_han@126.com) (S.Q. Han)

15

Download English Version:

<https://daneshyari.com/en/article/8863927>

Download Persian Version:

<https://daneshyari.com/article/8863927>

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