## Accepted Manuscript

Year-long variability of the fossil fuel and wood burning black carbon components at a rural site in southern Delhi outskirts



U.C. Dumka, D.G. Kaskaoutis, P.C.S. Devara, R. Kumar, S. Kumar, S. Tiwari, E. Gerasopoulos, N. Mihalopoulos

PII: DOI: Reference:	S0169-8095(18)30782-8 doi:10.1016/j.atmosres.2018.09.016 ATMOS 4375
To appear in:	Atmospheric Research
Received date: Revised date: Accepted date:	<ol> <li>19 June 2018</li> <li>12 September 2018</li> <li>18 September 2018</li> </ol>

Please cite this article as: U.C. Dumka, D.G. Kaskaoutis, P.C.S. Devara, R. Kumar, S. Kumar, S. Tiwari, E. Gerasopoulos, N. Mihalopoulos, Year-long variability of the fossil fuel and wood burning black carbon components at a rural site in southern Delhi outskirts. Atmos (2018), doi:10.1016/j.atmosres.2018.09.016

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.

## ACCEPTED MANUSCRIPT

Year-long variability of the fossil fuel and wood burning black carbon components at a rural site in southern Delhi outskirts

U.C. Dumka<sup>1</sup>, D.G. Kaskaoutis<sup>2\*</sup>, P.C.S. Devara<sup>3</sup>, R. Kumar<sup>4</sup>, S. Kumar<sup>1</sup>, S. Tiwari<sup>5</sup>, E. Gerasopoulos<sup>2</sup>, N. Mihalopoulos<sup>2, 6</sup>

<sup>1</sup>Aryabhatta Research Institute of Observational Sciences (ARIES), Nainital 263 001, India

<sup>2</sup>Institute for Environmental Research and Sustainable Development, National Observatory of Athens, GR-11810 Athens, Greece

<sup>3</sup>Amity Centre for Ocean-Atmospheric Science and Technology, University of Haryana, Gurugram 122413, India

<sup>4</sup>National Center for Atmospheric Research, Boulder, CO 80301-3000, USA.

<sup>5</sup>Indian Institute of Tropical Meteorology, New Delhi Branch, New Delhi, India

<sup>6</sup>Environmental Chemical Processes Laboratory, University of Crete, 71003, Crete, Greece

\*Correspondence to: Dr. D.G. Kaskaoutis (dimitriskask@hotmail.com; dkask@meteo.noa.gr)

Download English Version:

## https://daneshyari.com/en/article/11025049

Download Persian Version:

https://daneshyari.com/article/11025049

Daneshyari.com