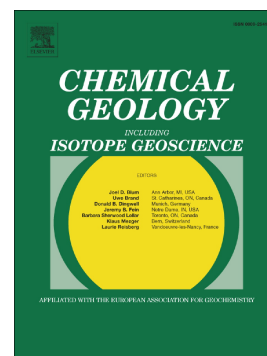


# Accepted Manuscript

Geochemical composition of Aeolian dust and surface deposits from the Qatar Peninsula

Oguz Yigiterhan, Balint Z. Alföldy, Mariasilvia Giamberini, Jesse C. Turner, Ebrahim S. Al-Ansari, Mohamed A. Abdel-Moati, Ibrahim A. Al-Maslamani, Mohamed M. Kotb Mahfouz, Elnaiem A. Elobaid, Hassan A. Hassan, Jeffrey Philip Obbard, James W. Murray



PII: S0009-2541(17)30603-4  
DOI: doi:[10.1016/j.chemgeo.2017.10.030](https://doi.org/10.1016/j.chemgeo.2017.10.030)  
Reference: CHEMGE 18519  
To appear in: *Chemical Geology*  
Received date: 28 December 2016  
Revised date: 25 October 2017  
Accepted date: 25 October 2017

Please cite this article as: Oguz Yigiterhan, Balint Z. Alföldy, Mariasilvia Giamberini, Jesse C. Turner, Ebrahim S. Al-Ansari, Mohamed A. Abdel-Moati, Ibrahim A. Al-Maslamani, Mohamed M. Kotb Mahfouz, Elnaiem A. Elobaid, Hassan A. Hassan, Jeffrey Philip Obbard, James W. Murray, Geochemical composition of Aeolian dust and surface deposits from the Qatar Peninsula. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. *Chemge*(2017), doi:[10.1016/j.chemgeo.2017.10.030](https://doi.org/10.1016/j.chemgeo.2017.10.030)

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.

**Manuscript Number:** CHEMGE10175R1

**Title:** Geochemical Composition of Aeolian Dust and Surface Deposits from the Qatar Peninsula

**Article Type:** Research paper

**\*Corresponding Author:** Oguz Yigiterhan

**Corresponding Author's Institution:**

Qatar University, Environmental Science Center,

Marine Sciences Research Group,

P.O.Box: 2713, Al Tarfa, Doha, Qatar,

E-mail: oguz@qu.edu.qa,

Phone: +(974)-4403-3956

Fax: +(974)-4403-3940

**First Author:** Oguz Yigiterhan, PhD

**Order of Authors:** \*Oguz Yigiterhan<sup>1</sup>, Balint Z. Alföldy<sup>1</sup>, Mariasilvia Giamberini<sup>2</sup>, Jesse C. Turner<sup>3</sup>, Ebrahim S. Al-Ansari<sup>1</sup>, Mohamed A. Abdel-Moati<sup>4</sup>, Ibrahim A. Al-Maslamani<sup>1</sup>, Mohamed M. Kotb Mahfouz<sup>1</sup>, Elnaiem A. Elobaid<sup>1</sup>, Hassan A. Hassan<sup>1</sup>, Jeffrey Philip Obbard<sup>1</sup>, James W. Murray<sup>3</sup>

<sup>1</sup>Qatar University, Environmental Science Center, P.O. Box 2713, State of Qatar

<sup>2</sup>Istituto di Geoscienze e Georisorse, Consiglio Nazionale delle Ricerche, Via Moruzzi, 1 56124, Pisa, Italy

<sup>3</sup>University of Washington, School of Oceanography, Box 355351, Seattle WA 98195-5351, USA

<sup>4</sup>Ministry of the Environment, Environmental Assessment Department, P.O. Box 39320, State of Qatar

**Draft:** October 10, 2016

**Submitted to:**

**Geochimica et Cosmochimica Acta**

<http://www.journals.elsevier.com/geochimica-et-cosmochimica-acta>

**Key words:** Aeolian dust; atmospheric deposition; dust composition; terrestrial deposits, continental crust, major elements, trace elements; trace metals; enrichment factors, dust collection, passive dust trap, Qatar geochemistry; Arabian Gulf, Arabian Peninsula

Download English Version:

<https://daneshyari.com/en/article/8910444>

Download Persian Version:

<https://daneshyari.com/article/8910444>

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