



toxics



an Open Access Journal by MDPI

Characterization and Risk Assessment of Heavy Metals in Dust

Guest Editors:

Dr. Ruimin Liu

School of Environment, Beijing
Normal University, Beijing
100875, China

Dr. Linfang Wang

Sorghum Research Institute,
Shanxi Agricultural University,
Jinzhong, China

Deadline for manuscript
submissions:

closed (16 April 2024)

Message from the Guest Editors

Due to the strong impact of anthropogenic activities and the weak self-regulating ability of ecosystems, many cities suffer from different levels of heavy metal contamination. As a priority environmental pollutant, heavy metal contamination has been a hot research topic. Road dust is a source and acts a sink for heavy metals, the pollution of which could result in the contamination of the soil, atmosphere, and water, and further threaten urban residents' health. Basic scientific problems such as the pollution, risk, source, and optimal control of pollution factors of heavy metals in road dust still need to be addressed, and systematic qualitative and quantitative research is still needed.

In this Special Issue on the "Characterization and Risk Assessment of Heavy Metals in Dust", we aim to focus on the pollution, ecological and health risks, source, and optimal control of pollution factors of heavy metals in road dust. Authors are welcome to submit original research articles and reviews that cover the related fields.



mdpi.com/si/177592

Special Issue



toxics



an Open Access Journal by MDPI

Editor-in-Chief

Dr. Demetrio Raldúa

Department Environmental
Chemistry, IDAEA-CSIC, Jordi
Girona 18, 08034 Barcelona,
Spain

Message from the Editor-in-Chief

Toxics (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [Embase](#), [CAPus / SciFinder](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q1 (*Toxicology*) / CiteScore - Q2 (*Chemical Health and Safety*)

Contact Us

Toxics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/toxics
toxics@mdpi.com
X@Toxics_MDPI