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Monitoring Heavy Metal Pollution for Environmental Health and Safety

Guest Editors:

Dr. Muhammad Ubaid Ali

Department of Soil Sciences,
Southern Federal University,
Rostov-on-Don, Russia

Prof. Dr. Audil Rashid

Department of Botany, Faculty of
Science, University of Gujrat,
Gujrat, Pakistan

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Message from the Guest Editors

Dear Colleagues,

Environmental health and safety (EHS) is crucial for safeguarding human well-being and the environment. Heavy metals (HM), being toxic and possessing damaging attributes, are perilous for the environment. Long-term exposure to heavy metals can have serious health consequences and should be minimized. Heavy metals such as lead and arsenic can accumulate in the body over time, leading to various health issues. They can damage organs, disrupt biological processes, impair cognitive function, cause developmental abnormalities, and even lead to cancer. Consequently, priority research focus is on heavy metal exposure and environmental health; their ubiquitous presence, toxicity persistence, and cumulative effects; vulnerable populations; and establishing regulatory guidelines in various settings. Hence, it seems imperative to prioritize research on HM monitoring as a holistic approach to better understand exposure risks and human health effects, develop preventive measures, and establish effective regulations, to protect individuals, communities, and the ecosystem from the adverse effects of HM toxicity.

Dr. Muhammad Ubaid Ali

Prof. Dr. Audil Rashid

Guest Editors



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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.

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Contact Us

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

Tel: +41 61 683 77 34
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