

Special Issue

Assessment of Metal and Trace Element Contamination in Soil

Message from the Guest Editor

In this Special Issue, contributions covering all elements except typical non-metals are welcome. These should include: (1) Environmental monitoring to detect sources of locally enhanced contamination levels, including digestion and determination methods in liquid and solid; (2) Characterization of defined metal sources, such as ore formation, mining and smelting, soil excavations from metalliferous areas, waste deposits, sewage and manure, fertilizers, traffic, and atmospheric inputs; (3) Environmental mobilities, such as migration in the soil column, leaching to groundwater and erosion, mobile fractions, and dissolution kinetics; (4) Transfer to plants and crops, including pot and field experiments to monitor soil-to-plant transfer, in combination with mobile soil fractions, changes of soil microbiology because of contamination, metalliferous vegetation, and accumulation in plants; (5) Sanitation and recovery strategies, such as stabilization procedures, soil washing, phytoextraction, and metal recovery from metalliferous plants and waste; (6) Setting of thresholds based on risk assessment to enable authorities to take legal action.

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2022)



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About the Journal

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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