

Special Issue

Green Amendments for the Remediation of Potentially Toxic Elements in Soil and Water

Message from the Guest Editors

The developments in the agricultural sector, as well as increased urbanization and inadequate environmental protective measures, have resulted in a notable increase in environmental degradation, specifically in terms of soil pollution and water contamination with potentially toxic elements (PTEs). Mainly, PTEs are considered an issue when they are recorded in excessive amounts in soil or water. In addition, they have demonstrated their potential to pass through the food chain by accumulating in dietary components, hence presenting a significant risk to human health and environmental safety. Therefore, to reduce the availability of PTEs to humans, viable and environmentally friendly materials should be developed. In this regard, green components, such as organic manure, biochar, functional biochar, compost, etc., can serve as viable strategies to reduce PTE availability and to increase environmental sustainability. This Special Issue aims to collect papers on all aspects of green remediation techniques for soil and water remediation that are contaminated with PTEs.

Guest Editors

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Deadline for manuscript submissions

closed (13 December 2024)



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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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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.1 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).