

Special Issue

Safety Utilization and Remediation of Heavy Metal Polluted Farmland

Message from the Guest Editor

With the increase in agricultural inputs and rapid industrialization, heavy metal pollution in farmland has become extremely serious, affecting human health through the food chain. Although the area of pollution is very large, the amount of heavy metal in farmland is relatively low. Therefore, identifying ways in which to ensure the safe production of crops in those contaminated soils, reduce the total amount of toxics in soils, and achieve healthy soils is of great significance to promote agricultural sustainable development. This Special Issue will focus on the whole process of “Safety Utilization and Remediation of Heavy Metal Polluted Farmland”, from pollution source identification to remediation effect evaluation. Authors are invited to submit original research papers, reviews, and short communications. The topics of interest may include, but are not limited to, the following: 1) Contamination source identification; 2) Transfer of heavy metals in the food chain; 3) Safety utilization of polluted farmland; 4) Bioremediation of contaminated soils; 5) Healthy soil cultivation; 6) Health risk assessment.

Guest Editor

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Deadline for manuscript submissions

closed (15 October 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.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the second half of 2025).