

Special Issue

From Agricultural Soils to Human Health: Exposure Sources, Intake Pathways, and Accumulation of Heavy Metals

Message from the Guest Editors

Critical HMs, including copper, zinc, iron, etc., play a vital role in tissue metabolism and the human body.

Conversely, cadmium, lead, arsenic, mercury, and chromium, etc., pose significant risks to crop growth and human health. It is imperative to investigate the migration and transformation of these HMs in agricultural soils, their accumulation mechanisms in crops, as well as the intake and exposure pathways in the human body.

This Special Issue is dedicated to examining the ubiquity and verifiability of research regarding HM pollution in agricultural soils and its potential implications for human health. We invite submissions that explore sources, exposure pathways, human intake and accumulation, health risk assessment, and management strategies related to HMs in agricultural soils. This collection aims to bring together leading experts from various disciplines to advance understanding and solutions for this pressing environmental and health concern. We encourage submissions that offer innovative research, robust methodologies, and cross-disciplinary perspectives to advance our knowledge and response to HM pollution in agricultural soils.

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

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