

Special Issue

Toxic Agent Analysis and Removal for Healthy Living and Safe Environment

Message from the Guest Editors

Inorganic and organic compounds are crucial in daily life but improper use of chemicals can create toxic agents, harming human health and the environment. Scientific interest has grown in improved analytical methods for pollutant analysis and removal, necessitating innovative techniques to detect trace amounts of heavy metals, anions, and organic compounds. Balancing environmental pollutants and antioxidant defenses is key in human health and toxicology studies, with oxidative damage from chemical pollutants being particularly significant. Toxic heavy metal poisoning poses serious environmental and health risks to terrestrial and aquatic ecosystems. This Special Issue aims to focus on high-quality research addressing the removal of toxic agents from water, air, and soil to protect the environment and human health. It will investigate the environmental effects and toxicity of metal ions, along with novel treatment and removal methods using natural resources. Additionally, the issue will explore the use of nanotechnology and nanomedicine to tackle metal ion toxicity.

Guest Editors

Prof. Dr. Petru Negrea

Faculty of Chemical Engineering, Biotechnologies and Environmental Protection, Politehnica University Timisoara, Victoriei Square no 2, 300006 Timisoara, Romania

Dr. Nicoleta Sorina Nemes

Research Institute for Renewable Energies—ICER, Politehnica University Timisoara, Gavril Musicescu no 138, 300774 Timisoara, Romania

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Toxics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
toxics@mdpi.com

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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

Dr. Demetrio Raldúa
Department Environmental Chemistry, IDAEA-CSIC, Jordi Girona 18,
08034 Barcelona, Spain

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Journal Rank:

JCR - Q1 (Toxicology) / CiteScore - Q1 (Chemical Health and Safety)

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).