Special Issue

Advances in Water, Air and Soil Pollution Monitoring, Modeling and Restoration

Message from the Guest Editors

The pollution of air, water, and soil with different materials, chemical products, and constantly increasing amounts of waste is a global issue. It is also considered that biodegradation in the environment occurs after or simultaneously with physical and chemical degradation, which modifies the pollutants' structure to the molecular level, generating more and more waste through increasingly complex processes to control. Therefore, the purpose of this special issue on "Advances in water, air and soil pollution monitoring, modeling and restoration "is to assess the air, water and soil pollution by different evaluation methods and to apply the finding for possible mitigation measures. The articles selected for this special issue will provide an overview of the actual research stage in the field, aiming to assess the risks and impact on the environment. Besides the solutions to the practical problems of cleaning the water, air and soil, the selected topics will directly answer questions related to selecting different tools that best emphasize the environmental quality changes and their impact on society's future.

Guest Editors

Prof. Dr. Alina Barbulescu

Department of Civil Engineering, Transilvania University of Braşov, 500036 Braşov, Romania

Dr. Lucica Barbes

Departament of Chemistry and Chemical Engineering, "Ovidius" University of Constanta, B-dul Mamaia 124, 900527 Constanța, România

Deadline for manuscript submissions

closed (31 October 2023)



Toxics

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/134213

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

mdpi.com/journal/toxics





Toxics

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, AGRIS, and other databases.

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).

