

Special Issue

Innovative Strategies to Decompose Pollutants

Message from the Guest Editors

We are pleased to invite you to contribute to this Special Issue entitled "Innovative technologies to decompose pollutants", which aims to collect and highlight all the advancements that scientific research is making in this sector. Below is a non-exhaustive list of potential research areas:

- Chemical-physical processes to decompose pollutants;
- Development of organic materials and their applications for pollutant decomposition;
- Development of composite materials and their applications for pollutant decomposition;
- Photochemical, sonochemical, mechanochemical technologies to decompose pollutants;
- General catalysis to decompose pollutants;
- Evaluation of the toxicity of pollutants and the relative decomposition products;
- Recycling of the decomposition products for circular economy

Guest Editors

Dr. Fabrizio Olivito

Department of Environmental Engineering, University of Calabria, Via P. Bucci, 87036 Arcavacata di Rende, CS, Italy

Dr. Pravin Jagdale

Circular Carbon GmbH, Große Elbstrasse 86, 22767 Hamburg, Germany

Deadline for manuscript submissions

closed (20 February 2024)



Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/129358

Toxics

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

mdpi.com/journal/

[toxics](https://mdpi.com/journal/toxics)





Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



[mdpi.com/journal/
toxics](https://mdpi.com/journal/toxics)



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).