

Special Issue

The Pollution Caused by Agriculture and Its Mitigation Measures

Message from the Guest Editors

The 2018 Intergovernmental Panel on Climate Change report indicates that "rapid and far-reaching" changes are needed to limit the impact of climate change to 1.5 degrees Celsius. For agriculture, however, these changes may be more challenging than for other sectors. Agriculture has identified far fewer technologies that can significantly reduce emissions compared to other sectors. This may be due to the fact that agriculture is much less consolidated than other sectors and requires a holistic approach combining climate goals with others, such as food security, soil protection against pollution (such as heavy metals, arsenic, selenium, fluorine, organochlorine compounds, dioxins, polychlorinated compounds, biphenyls, pesticides and emerging contaminants: antibiotics, hormones or microplastics) or biodiversity, and the livelihoods of farmers and farming communities. This Special Issue invites articles on technological solutions appropriate to local conditions aimed at reducing emissions from agriculture and protecting land and crops from pollution as well as on innovative solutions that fit into the policy of a circular economy. We look forward to receiving your contributions.

Guest Editors

Dr. Monika Suchowska-Kisielewicz

Faculty of Civil Engineering, Architecture and Environmental Engineering, Institute of Environmental Engineering, University of Zielona Góra, 15 Prof. Z. Szafrana St., 65-516 Zielona Góra, Poland

Dr. Piotr Sołowiej

Department of Electrical, Power, Electronic and Control Engineering, Faculty of Technical Sciences, University of Warmia and Mazury in Olsztyn, Olsztyn, Poland

Deadline for manuscript submissions

closed (31 May 2023)



Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/93952

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).