

IMPACT FACTOR 3.9





an Open Access Journal by MDPI

# **Effect of Emerging Pollutants on Plants**

Guest Editors:

## Dr. Radka Podlipna

Laboratory of Plant Biotechnologies, Institute of Experimental Botany, Czech Academy of Sciences, Prague, Czech Republic

### Dr. Stanislav Smrček

Department of Organic Chemistry, Faculty of Science, Charles University, Prague, Czech Republic

Deadline for manuscript submissions:

closed (31 October 2022)

# **Message from the Guest Editors**

In recent years, there has been increasing concern over the environmental risks of so-called "Emerging pollutants (EPs)". Most of these pollutants are taken up by plants, and when they enter the tissue, they can cause serious damage to the plants. This could not only change the landscape's appearance and climatic conditions, but predominantly decrease the yield of crops—sources of food for millions of people.

We are pleased to invite you to contribute to our Special Issue, which aims to expand knowledge not only of the phytotoxic effects of these pollutants, but also to warn of the possibility of the accumulation of these pollutants or their metabolites in plant bodies and thus their transfer into the food chain.

In this Special Issue, original research articles and reviews are welcome. Research areas may include, but are not limited to, the following: the uptake of some emerging pollutants (e.g., see https://www.normannetwork.com/nds/susdat/), their metabolism or accumulation, and the effect of emerging pollutants on the growth, metabolism, yield, genome, etc., of any plant species.













an Open Access Journal by MDPI

## **Editor-in-Chief**

#### Dr. Demetrio Raldúa

Department Environmental Chemistry, IDAEA-CSIC, Jordi Girona 18, 08034 Barcelona, Spain

# **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.

## **Author Benefits**

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

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

Journal Rank: JCR - Q1 (Toxicology) / CiteScore - Q2 (Chemical Health and Safety)

#### **Contact Us**