

Special Issue

State-of-the-Art Techniques in Air Quality, Climate Change, and Pollutant Transport

Message from the Guest Editors

Air pollution and climate change are global issues that are inextricably linked and have major impacts on the environment and population health. Cities require unprecedented demand for primary energy for economic development. The development of monitoring technologies for air pollution and climate change and their associated impacts could provide policy-makers facilitate a more integrated strategy to address air pollution and climate change in the context of health and [sustainable development](#). On the same hand, mitigation of air pollution and climate change can benefit the environment and health in countries and may also facilitate economic development by updating technologies that reduce local and regional air pollution. The purpose of this Special Issue of *Toxics* is to present an insight into the state-of-art technologies that could monitor air pollution and climate change and their associated impacts, as well as mitigate air pollution and climate change in an eco-friendly way. We are pleased to invite you to submit original papers, reviews, and short communications that focus on the technologies of the monitor and mitigating air pollution and climate change.

Guest Editors

Dr. Qingyang Liu

College of Ecology and Environment, Nanjing Forestry University,
Nanjing 210037, China

Dr. Yanju Liu

Institute of Analysis and Testing, Beijing Academy of Science and
Technology, Beijing 100089, China



Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1

CiteScore 6.4

Indexed in PubMed



mdpi.com/si/135206

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

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



Deadline for manuscript submissions

closed (5 August 2023)



Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



[mdpi.com/journal/
toxics](http://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 17.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the second half of 2025).

