

Special Issue

Remediation Techniques for Emerging Contaminants Using Biochar

Message from the Guest Editors

The frequent occurrences of emerging contaminants in the environment have been gaining public attention in recent times. Biochar, an emerging alternative to activated carbon, is currently being considered as a promising adsorbent to remediate the effects of contaminants in the environment. This Special Issue aims to develop state-of-the-art biochar remediation technologies to treat emerging contaminants in a variety of environmental media, i.e., air, soil, and water including wastewater and marine water. In addition, innovative reuse and recycling processes, using biochar to reduce emerging contaminants, are within the scope of the Special Issue. The Issue is open to all interested authors who are able to submit original research papers and/or critical review articles concerning treatment techniques or remediation strategies using biochar to manage emerging contaminants. Laboratory studies regarding new biochar development or novel treatment processes are warmly welcomed. Biochar remediation technologies beyond basic laboratory research or pilot/large-scale demonstration studies are particularly encouraged.

Guest Editors

Dr. Wei Zheng

Illinois Sustainable Technology Center/Prairie Research Institute,
University of Illinois at Urbana-Champaign, Champaign, IL 61820, USA

Dr. Mingxin Guo

Department of Agriculture & Natural Resources, Delaware State
University, Dover, DE 19901, USA

Deadline for manuscript submissions

closed (30 October 2024)



Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/199869

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 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).