

Special Issue

Adsorption and Photocatalysis of Organic Pollutants: Latest Advances and Prospects

Message from the Guest Editor

Emerging contaminants (ECs) in soil and water environments threaten ecosystem sustainability. Understanding their behavior and removal at the soil-water interface is crucial. This Special Issue, "Adsorption and Photocatalysis of Organic Pollutants: Latest Advances and Prospects," highlights innovative research in this field. We invite contributions on adsorption and photocatalytic technologies for EC mitigation. Topics include:

- Novel reusable materials (e.g., engineered biochars, composite photocatalysts);
- Interfacial processes and degradation mechanisms;
- Applications in soil remediation and wastewater treatment;
- Hybrid systems like coupled adsorption-photocatalysis.

Studies on long-term stability, by-product ecotoxicity, and scalability are welcome. This issue aims to share cutting-edge knowledge and develop strategies to protect water and soil resources.

Guest Editor

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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

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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).