

## Special Issue

# Carbon-Based Materials for Pollutant Immobilization and Removal in Soil and Water

### Message from the Guest Editor

Many hazardous chemicals can enter the soil and water environment and pose potential environmental and health risks. The immobilization and removal of pollutants in soil and water play very important roles in pollution treatment. The immobilization and removal of the pollutants means preventing them from entering the biological chain. Thus, the immobilization and removal of toxic pollutants from soil and water environments has been the focus of research. Carbon-based materials, including activated carbon, graphene, carbon nanotubes, carbon nanofibers, biochar, and carbon aerogels, were widely studied for pollutant immobilization and removal in soil and water due to their good adsorption properties. However, sustainable and carbon-neutral materials are still needed to investigate the immobilization and removal of toxic pollutants in soil and water. Therefore, in this Special Issue, titled “Carbon-Based Materials for Pollutant Immobilization and Removal in Soil and Water”, we will accept excellent research that addresses one or more of the following topics: carbon-based materials, emerging pollutants, heavy metals, immobilization, and removal.

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### Guest Editor

Prof. Dr. Jianxin Fan

Department of Environmental Science and Engineering, School of River and Ocean Engineering, Chongqing Jiaotong University, Chongqing 400074, China

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### Deadline for manuscript submissions

closed (31 December 2025)



## Toxics

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*Toxics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[toxics@mdpi.com](mailto:toxics@mdpi.com)

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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.

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### Editor-in-Chief

Dr. Demetrio Raldúa  
Department Environmental Chemistry, IDAEA-CSIC, Jordi Girona 18,  
08034 Barcelona, Spain

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