

## Special Issue

# Soil/Ground Water Pollution Remediation under the Background of Carbon Neutralization

### Message from the Guest Editors

Reducing carbon emissions and increasing carbon sink capacity are important ways to achieve carbon neutrality. Soil carbon pools account most of the carbon pools in terrestrial ecosystems. However, soil and ground water environment pollution influences the carbon sequestration capacity of soil ecosystems. The environmental remediation can not only reduce soil/ground water pollution, but increase the carbon fixation ability, which is beneficial to achieve carbon neutralization. Therefore, the potential of contribution of soil and water environmental to achieve carbon neutralization during remediation should be considered. This Special Issue mainly focuses on traditional biological, physical, chemical and synthetic remediation techniques in the soil and ground water environment. Studies reporting the combination of traditional remediation using these and other advanced technologies are welcome. Furthermore, we encourage the studies to illustrate the molecular mechanism of remediation and subsequent structural and functional variation of the soil ecosystem, and try to uncover the carbon sequestration mechanism after remediation.

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### Guest Editors

Prof. Dr. Qixing Zhou

Prof. Dr. Feili Li

Dr. Jing An

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### Deadline for manuscript submissions

closed (31 March 2023)



## Toxics

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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

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