

## Special Issue

# Sustainable Materials: Research on Activated Carbon Adsorption for Environmental Pollution

### Message from the Guest Editors

Across the globe, industrialization and urbanization have greatly increased environmental pollution, hence the need for sustainable and efficient materials that can combat pollutants is greater than ever. In this Special Issue, activated carbon has been explored for adsorption of pollutants from the environmental media as one of its greatest applications. This Special Issue aims to identify new directions and revise existing technologies for more effective pollution control based on activated carbon materials and their derivatives.

This Special Issue will investigate the use of activated carbon for air and water pollution control, covering the development of new activated carbon materials, studies on their adsorption properties, and their optimization for real-world applications. This Special Issue also seeks to attract comparative studies environmental impact assessments (LCAs) of other adsorbents, while suggesting innovative strategies for the regeneration and reuse of such materials.

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### Guest Editors

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### Deadline for manuscript submissions

closed (26 July 2025)



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I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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### Editor-in-Chief

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