

## Special Issue

# Biochar Application in Environmental Remediation

### Message from the Guest Editors

Areas of interest for this Special Issue include, but are not limited to the following:

- Innovative techniques for biochar
- Application of biochar/modified biochar in remediation of heavy metals/organic pollutants
- Biochar for remediation of organic/inorganic pollutants in contaminated soils
- Biochar in managing soil salinity and soil health, and sustainable agriculture practices
- Biochar as a soil amendment in reducing phytotoxicity in crops
- Innovative application of biochar in constructed wetlands or biofiltration systems
- Biochar and plant–microbe interactions in environmental remediation
- Co-application of biochar with bioremediation techniques to control soil pollution
- Current application of biochar for attaining SDG goals
- Biochar-based remediation technologies for managing air quality/greenhouse gas mitigation
- Biochar applications in microplastic and nanoplastic removal from multi-media environmental systems
- Biochar for environmental sustainability in the energy sector
- Biochar-based materials in electroanalytical devices for environmental monitoring and pollution control

### Guest Editors

Prof. Dr. Dibyendu Sarkar

Prof. Dr. Rupali Datta

Dr. Prafulla Kumar Sahoo

Dr. Zhiming Zhang

### Deadline for manuscript submissions

closed (20 July 2025)



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

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