Special Issue

Application of Biochar in Wastewater Treatment and Purification

Message from the Guest Editors

We would like to invite researchers around the world to contribute to this Special Issue focusing on the "Application of Biochar in Wastewater Treatment and Purification". This Special Issue aims to explore the diverse applications of biochar coupled with other existing/advanced technologies to address challenges related to wastewater treatment, pollutant removal, and water purification. Wastewater potentially causes pollution in both surface water and groundwater. Thus, proper management using advanced and low-cost remediation technologies should be developed to improve the quality of discharged water from wastewater treatment plants. Biochar, which is a carbon-rich material produced from different organic matter through pyrolysis, has shown promising applications in improving the efficiency and sustainability of wastewater treatment processes. The use of biochar in wastewater treatment and purification has gained significant attention due to its potential to enhance treatment efficiency and its low environmental impact.

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

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