



Pros and Cons of Biochar Application in Soils

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Message from the Guest Editors

Soil is providing optimal conditions for plant growth, human nutrition, and water filtration. Unfortunately, it is also the biggest sink for xenobiotics—deposited and immobilized with colloids. Many strategies have been proposed to protect it from the adverse effects of contaminants. Nevertheless, still relatively little is known on char's fate in soil, its ageing, persistent components, interaction with mineral fertilizers, by-products of chemical processes.

In the Special Issue, researches on the biochar impact on soils should be presented, with long-term experiments and effect on soil. Papers dealing with biomass carbonization systems can be submitted, including review articles. Approaches of biochar and hydrochar applications, considerations of endogenic matter fate upon biochar addition, and studies evaluating potential gaps and ways to overcome identified shortcomings are of interest.

This Special Issue aims at showing the "pros and cons" of biomass carbonization products utilization in soils. We invite you to submit your papers, with the aim of summarizing the successes, limitations, and ongoing challenges in biochar application to soils





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Message from the Editor-in-Chief

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