

Special Issue

Pros and Cons of Biochar Application in Soils

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 endogenous 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

Guest Editors

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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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