

Special Issue

Applications of Biochar in Agriculture and Its Impact on Agricultural Systems

Message from the Guest Editors

The uses of biochar in environmental protection include the remediation of polluted soils, energy production, climate change aspects, waste management, and sustainable development issues. The production of biochar allows a reduction in the need for the disposal of animal and plant waste. From an agricultural point of view, the application of carbonization products for soil amelioration seems to be beneficial because the treatment improves the conditions for plant growth, leading to a better yield. Furthermore, due to the rapid effects and relatively low costs of such treatment, biochars are becoming more frequently used in soil remediation and conservation. In this Special Issue, authors are actively invited to submit their papers covering high-quality novel research, as well as review studies regarding the use of biochar as a material used in agricultural systems. This Issue is devoted to interdisciplinary research on the production of biochar, optimization of the pyrolysis process, and the possibility of biochar use as a fertilizer in laboratory research, as well as field crops.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

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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