

## 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.

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### Guest Editors

Dr. Bogdan Saletnik

Dr. Marcin Bajcar

Prof. Dr. Grzegorz Zaguła

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### Deadline for manuscript submissions

closed (15 July 2023)



## Agriculture

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## About the Journal

### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

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### Editor-in-Chief

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