Special Issue

Carbonization of Biowaste from Agriculture and Forestry

Message from the Guest Editors

Despite recent efforts to manage the biowaste produced from agriculture and forestry to promote environmental sustainability, much room for innovation remains in this field. Carbonization is a thermo-treatment technology including the processes of pyrolysis and hydrothermal carbonization, the solid products of which are biochar and hydrochar, respectively. Biochar and hydrochar have received much attention due to their unique heterogeneous characteristics and potential applications. Therefore, carbonization of such biowaste is expected to promote sustainable development of economic society and ecological environment.

The special issue welcomes original articles and reviews with following topics: pyrolysis and hydrothermal carbonization process and technology; biochar/hydrochar properties and influencing factors; preparation of novel functional carbon materials; long-term effects of biochar in agriculture and forestry; stability of biochar and carbon sequestration; aging and degradation of biochar in the environment; biochar and soil nutrient cycling; biochar and soil microbes; biochar and adsorption/removal of pollutants...

We look forward to your contributions.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2023)

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I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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