Special Issue

The Efficiency of Biochar and Bioslurry toward Sustainable Agriculture and Circular Economy

Message from the Guest Editors

Biochar is used for carbon sequestration, reduction of greenhouse-gas emissions and removal of heavy metals. Bioslurry (or digestate) is a liquid organic fertilizer, that can be used to enhance soil structure, provide valuable nutrients in practical ratios and support livestock diets while killing harmful micro-organisms. Together, biochar and bioslurry can play an important role in the development and deployment of effective carbon-negative routes in food as well as energy production. To date, however, information regarding the beneficial roles of the biochar and bioslurry still is quite limited and pitfalls of their uses within the framework of the circular economy across different sectors (agriculture, industry, energy, hydrology, etc.) need further attention.

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Editor-in-Chief

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