



Interaction of Biochar on Organic Waste Composting

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closed (31 March 2020)

Message from the Guest Editors

Dear Colleagues,

The combination of biochar with inorganic and organic amendments has attracted the attention of the scientific community due to the agronomic benefits associated with the interaction of biochar with soil nutrients and organic C cycling. For example, biochar may have synergistic effects with compost. Adding biochar in organic waste composting benefits to the process in terms of enhanced organic matter transformation and reduction of N losses and GHG emissions. Meanwhile, biochar oxidizes intensely leading to changes on its surface chemistry. However, there is still limited information on the agronomic and environmental benefits and constraints of using amendments combined with biochars compared to the amendments alone.

The Special Issue is opened to contributions exploring the interaction of biochar with organic matter and nutrients during organic waste transformation (composting, anaerobic digestion, etc.) and also its use in combination with mineral or organic fertilisers or as a component of soil-less growing media. Laboratory or field scale experiments in agriculture are welcomed.

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Guest Editors





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