



Sustainable Agriculture: Soil Health and Waste Management

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Message from the Guest Editor

In the world's scale, soils are increasingly under anthropogenic pressure driven by climate change, population growth and poor land management. In the light of the global economy producing large amounts of wastes, there is an obvious necessity of finding an environmentally and economically sound methods of utilization these wastes as soil amendments.

The wide introduction of the concept of waste upgrading may contribute to application of value-added materials such as biochar and activated carbon, as well as compost generated from municipal and agricultural wastes, which are produced using the thermo-chemical conversion of organic waste. The anaerobic digestion of some organic wastes is a technology which has been successfully implemented in many regions of the world as a method of generating renewable energy. Organic-waste-derived materials seem to have multifunctional abilities in the environment for capturing greenhouse gases and the remediation of contaminated soil. This Special Issue is to present a wide scope of studies focused on the above-mentioned aspects of soil sustainability.





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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

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