

# International Journal of *Environmental Research and Public Health*



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# Sustainable Agriculture: Soil Health and Waste Management

Guest Editor:

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Deadline for manuscript submissions: closed (17 April 2023)

### 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 form 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 abovementioned aspects of soil sustainability.



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### Message from the Editor-in-Chief

#### Prof. Dr. Paul B. Tchounwou

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