

## Special Issue

# Sustainable Bio-Resource Technology in Agricultural Wastes and Its Impacts on Soil Physical Quality

### Message from the Guest Editor

Sustainable management of agricultural wastes is essential to reduce environmental burdens and advance circular bioeconomy solutions that also enhance soil functioning. This Special Issue usefully supplements current knowledge by focusing on soil physics and hydrology as key mechanisms linking waste valorization to sustainability outcomes. We welcome original research and reviews reporting robust physical indicators, including bulk density, penetration resistance, aggregate stability, pore connectivity, saturated hydraulic conductivity, and water retention curves. Contributions linking these measurements to mechanisms of structural change, pore size distribution, and load-bearing capacity across soil textures, mineralogy, and management contexts are encouraged. In addition, manuscripts focused on physical characterization of water retention improvements promoted by biochar are welcome, including comparisons among feedstocks and conversion conditions. Studies on water flow modeling and process-based approaches integrating laboratory and field observations will be well received.

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### Guest Editor

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### Deadline for manuscript submissions

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## Message from the Editor-in-Chief

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## Editor-in-Chief

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