



Recycling Agricultural, Industrial, and Municipal Byproducts While Enhancing Agricultural Production and Protecting the Environment—Volume II

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Message from the Guest Editors

Dear Colleagues,

Global agricultural production efficiency has increased at a high cost for the environment. Adapting circular agricultural practices amid global population increases is required to sustain the intensive food and fiber production while protecting our precious environment. This Special Issue aims to bring together research on emerging technologies and practices to enhance soil productivity and reduce environmental and human health risks that may arise from reducing greenhouse gas emissions and utilizing and recycling agricultural, industrial, and municipal by-products. More specific topics covered in this Special Issue include, but are not limited to, the following:

- Agricultural, industrial, and municipal by-products used as soil amendments, fertilizer sources, or environmental sorbents, such as manure solids, municipal biosolids, compost, biochar/hydrochar, and organo-mineral fertilizers;
- Mitigation of pesticides, microplastics, pharmaceutical active compounds, and heavy metal contamination in soils;
- Reduction of greenhouse gas emissions to the atmosphere;
- Innovative waste-to-energy strategies.

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Special Issue



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Message from the Editor-in-Chief

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