

## Special Issue

# Comprehensive Waste Management with Optimizing Green Technology in Sustainable Environment

### Message from the Guest Editors

Special Issue aims to present cutting-edge information on various approaches to green technology, vermicomposting, optimization, challenges, and value-added products to maintain environmental sustainability. Topics of interest include, but are not limited to, the following:

- Waste and its associated problems;
- Risk associated with improper waste management;
- Bioconversion of organic waste for solid waste management and sustainable agriculture;
- Effect of recycling organic component of waste/agricultural waste on soil and plant;
- Waste management and agricultural amendments-soil microbial ecology;
- Management of urban solid waste and plastic waste;
- Vermicomposting of waste: a zero-waste approach for waste management;
- Transformation of biomass waste into sustainable organic fertilizers;
- Ecotoxicological status and risk assessment of heavy metals and other contaminants present in municipal solid wastes;
- Microbiome-based waste management and bioremediation.

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### Guest Editors

Dr. Rajeev Pratap Singh

Dr. Diganta Bhusan Das

Dr. Pankaj Kumar Gupta

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### Deadline for manuscript submissions

closed (8 September 2024)



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# About the Journal

## Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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## Editor-in-Chief

Prof. Dr. Steve W. Lyon

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