



Livestock Manure and Waste Treatment/Management Systems and Sustainable Environmental Utilization of Manure Resources

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Message from the Guest Editors

Dear colleagues,

For this Special Issue, we seek innovative technologies for manure management that maximize the recycling of nutrients, convert livestock waste into valuable byproducts for reuse or bioenergy, and reduce the environmental footprint of livestock production while promoting sustainable environments. Potential topics covered in this Special Issue include, but are not limited to:

- Development of manure and livestock waste processing, treatment, and value-added technologies to reduce pollutant emission and promote circular economies of manure byproducts and sustainable food systems;
- Production of energy and valorization of manure byproducts using thermal- and/or bio-based technologies;
- Innovative applications of manure-derived products for improving soil, water, and air quality;
- Manure treatment systems that yield additional benefits such as odor and pathogen reduction, GHG reduction, and generation of water for on-farm reuse and provide ecosystem benefits such as the protection and restoration of water quality and the generation of water quality credits.





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Message from the Editor-in-Chief

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