



## Advances in Waste Management and Treatment of Biodegradable Waste

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### Message from the Guest Editors

In order to achieve the overall recovery/recycling targets and the reduction of biodegradable materials sent to final landfill, all possible measures to recover biodegradable waste should be used.

In principle, the treatment solutions for biodegradable waste are:

- Biological methods: composting and anaerobic fermentation;
- Thermal methods: incineration, pyrolysis and gasification.

Biological treatment is difficult to address with very low selective collection. Thermal treatment by incineration is excluded due to the high risk of pollution by dioxin and furan emissions. Thermal treatment by pyrolysis and gasification is very costly and difficult to address due to lack of best practices.

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