



Sustainable Development of Biogas, Potential Benefits and Challenges

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Message from the Guest Editors

Dear Colleagues,

According to the EU Methane Strategy, methane emissions from agricultural waste and energy account for up to 95% of human-made methane emissions worldwide. Reducing these methane emissions by 50% over the next 30 years could mitigate global temperature change by 0.18 °C by 2050. Biogas and biomethane play a major role in the EU Methane Strategy and have been contributing to methane emission reductions in agricultural and waste sectors for many years.

This Special Issue welcomes reviews, case studies, and original research papers on the following topics of interest, among others:

- Anaerobic digestion of new substrates;
- New digestion processes, improvements or co-digestion strategies;
- Flexible biogas plants;
- Biogas upgrading;
- Biomethane production and use;
- Power-to-gas technologies (involving biogas in any manner);
- Life cycle assessments of biogas production and/or upgrading processes;
- Digestate use, enhancement and/or novel digestate products;



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Special Issue

- Production of valuable co-products from biogas or the anaerobic digestion process.



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Message from the Editor-in-Chief

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