

## Special Issue

# Biogas as Renewable Energy Source

### Message from the Guest Editors

Global warming caused by greenhouse gas emissions from the petrochemical industry and the burning of fossil fuels is one of the most serious problems for humanity. Many researchers and entrepreneurs claim that it is the vast biomass resources that can help to reduce dependence on fossil fuel resources or even replace them in the future. Biomass acts as a feedstock in the production of biogas (as a renewable energy source) through anaerobic digestion. Among the feedstocks currently used in biogas production, agricultural residues, energy crops, organic-rich wastewater, the organic fraction of municipal solid waste, and the organic fraction of industrial waste are most often mentioned. Biomethane is derived from biogas properly processed in a purification process and can be used directly as vehicle fuel, or injected into the natural gas grid, or converted into electricity and heat in cogeneration units. Due to the fact that technological solutions to technical problems in the area of anaerobic digestion tend to vary depending on the feedstocks used, it is necessary to carry out research on the optimization of this process.

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### Deadline for manuscript submissions

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### Editor-in-Chief

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