

Special Issue

Anaerobic Bioenergy Production Technology and Anaerobic Biogas Production

Message from the Guest Editors

Sustainable bioenergy, especially biogas production technology, has been continuously given a major spotlight in recent decades. Despite being a relatively mature and proven technology, the application of biogas in industry as a major source of energy remains low.

There are many essential elements and factors for a successful biogas system that are vaguely understood and have not been reported structurally. Thus, this is continuously driving further research, investigation, and development in the anaerobic digestion process that should be reported and shared with a wider audience.

- Renewable bioenergy
- Biogas, biomethane, biohydrogen, biohythane
- Anaerobic digestion case study
- Sustainable waste management
- Biogas upgrading, storage and utilization
- Bioenergy production technology scale up
- Techno-economics feasibility studies
- Life cycle of bioenergy production
- Circular solutions and system integration for green bioenergy

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