

Special Issue

The Production of Biogas and Digestate: An Alternative Sustainable Model for Reducing Energy Dependence on Russia

Message from the Guest Editors

In this Special Issue, we are looking for contributions that demonstrate the strategic role of renewable sources of energy, both on the environmental level—given that the climate crisis has not been resolved—and for greater energy autonomy in an increasingly complex geopolitical framework. We welcome contributions with a special emphasis on the use of agricultural by-products and biowaste to show the feasibility of the technology for the production of energy from biogas, with the aim of decarbonizing the economy. With this Special Issue, we would like to focus on biomethane that can be used as a renewable alternative to substitute fossil fuel-based natural gas. We cordially invite and welcome all kinds of articles (full research manuscripts, review/mini-review articles, opinion papers, technical notes and commentaries) including but not limited to the following research areas: Anaerobic digestion of biowaste, agricultural wastes, and residues; Co-products of anaerobic digestion; Organic waste management; Biomethane; Circular Bioeconomy; Digestate valorisation; Energy efficiency; Renewable energy; Waste to energy; Agro-energy supply chain; Compost; Vermicompost.

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Editor-in-Chief

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