Special Issue

Production and Utilization of Biogas

Message from the Guest Editor

Biogas, although it is a mature renewable energy technology, still requires financial incentivization of commercial plants or end uses. Shortages of locally-available, very cheap digestible feedstocks restrain biogas productivity, so that biogas plants with a capacity greater than 1 MW are difficult to construct and operate in truly competitive markets. Research into innovations that could improve economic viability and resource flexibility of biogas technology is therefore needed. Potential improvements must be sought in the whole value chain of biogas: Cheaper feedstock production and collection including wastes, enhanced fermentation techniques, novel products that can be derived from feedstock processing or biogas, new end uses, integration with other technologies, market organization, etc.

Guest Editor

Dr. Wojciech Budzianowski
Wojciech Budzianowski Consulting Services, Poleska 11/37, 51-354 Wrocław, Poland

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, Italy

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