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Advanced Technologies for Biomass

Guest Editors:

Prof. Dr. Andrea Di Carlo

Department of Industrial and Information Engineering and Economics, University of L'Aquila, Piazzale Ernesto Pontieri, Monteluco di Roio, 67100 L'Aquila, Italy

Dr. Elisa Savuto

Department of Industrial and Information Engineering and Economics, University of L'Aquila, Piazzale Ernesto Pontieri, Monteluco di Roio, 67100 L'Aquila, Italy

Deadline for manuscript submissions:
closed (25 August 2022)

Message from the Guest Editors

Dear Colleagues,

The use of biomass or organic waste material as primary resources for the production of fuels, chemicals, or electric power is gaining in importance due to the environmental issues correlated with the use of fossil fuels. This Special Issue invites papers that consider the various aspects of sustainability in biomass conversion to valuable products, covering all the technical chains from biomass production to residue management and, in particular, experimental and simulation works that investigate new processes and technologies at industrial, pilot, and bench scales.

Topics of interests include, but are not restricted to:

- New biomass resources
- Advanced processes for energetic conversion of biomass
- Bioplastic production
- Biofuel production
- Biomass pretreatment, like hydrothermal carbonization or torrefaction
- Residue management after biomass conversion
- Life cycle assessment



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Special Issue



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Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

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.

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Energies Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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