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Recent Advances in 4E (Energy, Exergy, Economic, and Environmental) Analysis of Chemical Processes for the Biofuels and Bioenergy Production

Guest Editors:

Dr. Po-Chih Kuo

Iron Making Process
Development Section, Iron and
Steel Research Development
Department, CSC, Kaohsiung,
Taiwan

Dr. Muhammad Aziz

Institute of Industrial Science,
The University of Tokyo, Tokyo
153-8505, Japan

Dr. Zhi-Yan (Rock) Du

Department of Molecular
Biosciences and Bioengineering,
University of Hawaii at Manoa,
Honolulu, HI 96822, USA

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Message from the Guest Editors

This Special Issue on “Recent Advances in 4E (energy, exergy, economic, and environmental) Analysis of Chemical Processes for the Biofuels and Bioenergy Production” intends to invite the latest research that addresses the thermodynamic, techno-economic, and environmental analysis of various biofuels production processes and energy conversion systems. Topics include, but are not limited to:

- Process system engineering;
- Biofuels production;
- Waste-to-energy process;
- Biorefinery process;
- Bioproducts production combined heat and power plant;
- Bioreactor design, engineering, and control;
- Biomass energy with CO₂ capture for negative emissions;
- Circular economy.



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Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

Message from the Editor-in-Chief

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Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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