

## Special Issue

# Advances in Sustainable Bio-Processes for Energy and High-Value Products

### Message from the Guest Editors

In light of the ongoing discourses surrounding the role of sustainable bio-based technologies in supporting climate and sustainable development goals, and in view of the most recent scientific evidence available, it is essential to consider the implications of these technologies. This Special Issue focuses on the advancement of sustainable bio-energy through either the development of new feedstocks or the design of innovative processes. Contributions may address alternative resources such as CO<sub>2</sub> and other emerging feedstocks or explore sustainable process technologies that improve efficiency and reduce environmental impact. Studies that combine both aspects are also welcome. The present Issue aims to showcase diverse approaches that support a more circular and sustainable bio-economy by highlighting progress in renewable energy production and value-added bio-based products.

Potential topics for consideration include, but are not limited to, the following: Bioconversion of greenhouse gases (GHGs) and wastes for biofuels and biochemicals; Biomass valorization of energy and value-added materials; Improvement of the biofuel process; and biofuel production technologies.

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### Guest Editors

Dr. Jin Hyung Lee

Korea Institute of Ceramic Engineering and Technology, Cheongju 28160, Republic of Korea

Dr. Soo Youn Lee

Gwangju Clean Energy Research Center, Korea Institute of Energy Research (KIER), Gwangju 61003, Republic of Korea

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### Deadline for manuscript submissions

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[energies@mdpi.com](mailto: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.

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### Editor-in-Chief

Prof. Dr. Enrico Sciubba  
Department of Mechanical and Industrial Engineering, University  
Niccolò Cusano, 00166 Roma, Italy

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