

Special Issue

Biotechnology Innovations for Sustainable Energy

Message from the Guest Editors

We are pleased to invite submissions to a Special Issue of *Energies* on the topic “Advances in Biochar Production for Sustainable Development”. Biochar, a carbonized material produced through the carbonisation process of plant biomass or biological material, has important roles in the sustainability of the world's development. We are interested in papers engaging in the development of advanced heating technologies targeting high biochar productivity, yield, and quality, without compromising cost, energy consumption and environmental impact. Therefore, the aim of this Special Issue is to highlight the advances in the production of biochar for various applications. The scope covers, but is not limited to, all progress in the carbonisation technologies for biochar production; applications; feedstocks or raw materials; properties and characteristics; activated carbon; waste management; bioprocessing; socio-economic and techno-economic analysis; policies and strategies; and supply chains. The roles of biochar in sustaining global development can be also included.

Guest Editors

Prof. Dr. Mohamad Faizal Ibrahim

Prof. Dr. Suraini Abd-Aziz

Dr. Juferi Idris

Deadline for manuscript submissions

closed (31 December 2022)



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

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba

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

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