

Special Issue

Emerging Technologies for Processing of Carbon-Based Substrates and Their Applications

Message from the Guest Editors

Biomass is a readily available renewable resource, and there has been immense interest from the scientific community regarding the trend of obtaining carbon materials from biomass. Forest, agricultural, and marine waste biomass are all lignocellulosic biomass, which have proved to be great substrates for carbon materials. The properties of carbon obtained from biomass residues can be altered in accordance with its allocations. Carbon materials with a high surface area and micro- and mesoporous-activated structures, and which are doped with heteroatoms, are being used in various domains such as energy, environment, sensors, agriculture, and defense. There is a dire need to further explore lignocellulosic biomass as a sustainable substrate for carbon materials. Furthermore, the in-depth characterization of these materials leads to innovation, resulting in new perspectives towards their structure, properties, and in turn, their applications.

Guest Editors

Dr. Sunel Kumar
Dr. Faisal Mahmood
Dr. Mujahid Ali

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

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Message from the Editor-in-Chief

Clean Technologies (ISSN 2571-8797) is an international, open access journal of novel scientific research on technology development aimed at reducing the environmental impact of human activities. *Clean Technologies* publishes reviews, regular research papers, communications and short notes which show a significant advance in the development of sustainable technology that reduces energy consumption, environmental pollution and/or the use of water and nonrenewable resources. Our aim is to encourage scientists to publish their experimental and theoretical research in detail as open access, serving a trustable base of advance for the scientific community.

Editor-in-Chief

Prof. Dr. Patricia Luis Alconero
Materials & Process Engineering, UCLouvain, Place Sainte Barbe 2,
1348 Louvain-la-Neuve, Belgium

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