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Bioeconomy, Energy, Logistics, Environmental Issues and Sustainable Resource Management

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Message from the Guest Editors

Natural resources are extremely important in a globalized modern economy, and even more nowadays in these challenging pandemic and post-pandemic times. Starting with the industrial revolution, the global economy has consistently relied on natural resources, especially fossil fuels for industrial use. At the same time, two major problems have arisen with regard to the use of natural resources: the diminution of these resources in nature, which leads to the problem of ensuring their sustainability; the contribution of fossil fuel consumption (combustion) to the increase in CO₂ levels in the atmosphere, which has caused enormous environmental implications. In this background, the bioeconomy, with its manifold sectors, has emerged as a solution that can meet these needs, as a fundamental pillar of sustainable economic development. Hence, despite the significance of bioeconomy and the importance of natural resources around the globe, the research on these relevant topics should be strengthened in order to provide an integrative strategic framework in the bioeconomy field targeting sustainable development in terms of environmental and social objectives.



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