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Circular Bioeconomy and Valorization of Biowastes into Sustainable Value-Added Products

Guest Editors:

Message from the Guest Editors

Prof. Dr. Nour Shafik El-Gendy

Prof. Dr. Said Salah Eldin Elnashaie

Dr. Hussein Nabil Nassar

Deadline for manuscript submissions: closed (31 March 2023) Nowadays, there is wide interest in achieving the UN's sustainable development goals (SDGs). This Special Issue aims to cover, as much it can, the different multidisciplinary sides of environmental engineering and sustainable development to provide a state-of-the-art presentation on how to reach a sustainable and clean environment via waste management and the valorization of different readily available resources into biofuels, biorefineries, and different value-added products. It will also focus on reviews and research papers concerned with achieving the blue, green, and circular economy with the concept of zero waste.

Research areas may include (but are not limited to) the following:

- Biofuels
- Waste valorization
- Environmental engineering and sustainability
- Sustainable solutions to overcome the problem of climate change
- Green economy and valorization of different agroindustrial wastes into value-added products
- Algae and blue economy for a sustainable future
- Applications of artificial intelligence to achieve a clean and sustainable environment
- Circular economy and its role in reaching a sustainable and clean environment









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Editor-in-Chief

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Message from the Editor-in-Chief

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