Special Issue

Optimization of a Circular Bioeconomy for Agriculture and Food Industry

Message from the Guest Editors

Major global problems, such as climate change, resource degradation and depletion, and environmental degradation threaten our food supply, food security, and food quality. The concept of a circular bioeconomy combines economic growth with environmental compatibility. It thus represents a framework for a sustainable structural transformation toward a modern. resource-efficient, and competitive economy based on sustainably produced renewable raw materials as well as on biobased innovations. We particularly encourage authors to submit articles of interdisciplinary nature that redefine problems and generate ideas that cut across disciplines and focus on methods, models, and analyses in the context of a sustainable circular bioeconomy. This Special Issue will include but is not limited to the following topics:

- Sustainable agricultural transformation toward a circular bioeconomy
- Increase of ecoefficiency
- Emission reduction strategies in agricultural production and food processing

Guest Editors

Dr. Vera Tekken

Team Leader, EPC-Project Corporation Climate Sustainability. Communications. mbH (non-profit), 10785 Berlin, Germany

Dr. Tabea Lissner

Department. Head Adaptation & Vulnerability, Climate Analytics gGmbH, 10969 Berlin, Germany

Deadline for manuscript submissions

closed (31 August 2022)



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

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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

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