



Optimization of a Circular Bioeconomy for Agriculture and Food Industry

Guest Editors:

Dr. Vera Tekken

Leibniz-Institute for Agricultural Engineering and Bioeconomy e.V. (ATB), 14469 Potsdam, Germany

VTekken@atb-potsdam.de

Dr. Tabea Lissner

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

tabea.lissner@climateanalytics.org

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





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

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.

Author Benefits

Open Access:—free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High visibility: indexed by the [Science Citation Index Expanded](#) and [Social Sciences Citation Index](#) (Web of Science), as well as [Scopus](#) and [other databases](#).

Rapid Publication: manuscripts are peer-reviewed and a first decision provided to authors approximately 14.5 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2020).

Contact Us

Sustainability
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[@Sus_MDPI](https://twitter.com/Sus_MDPI)