



Optimization of a Circular Bioeconomy for Agriculture and Food Industry

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

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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





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Prof. Dr. Steve W. Lyon

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

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Sustainability Editorial Office
MDPI, Grosspeteranlage 5
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