Special Issue

Sustainable Development Within Planetary Boundaries: Innovations in Circular Bioeconomy Systems

Message from the Guest Editors

This Special Issue investigates the sustainable development of the circular bioeconomy, focusing on integrated strategies, policies, technologies, and business models that promote regenerative and resource-efficient systems. The circular bioeconomy combines the principles of circular economy and biobased innovation to foster a transition from fossil-based and linear production systems to renewable, low-carbon, and waste-minimizing alternatives.

This Special Issue aims to complement the existing literature by offering novel insights into practical implementation, including metrics, regulatory frameworks, technological enablers, and socioeconomic impacts. We invite the submission of research articles, reviews, communications, and concept papers pertaining to topics relevant to the Special Issue to share with our readers and the broader sustainability research community.

Guest Editors

Prof. Dr. Antônio Carlos De Francisco

Dr. Diego Ramos

Dr. Fabio Neves Puglieri

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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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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