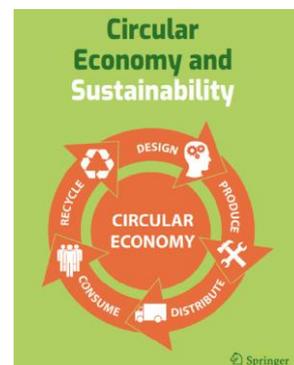


## Circular Economy and Sustainability

### *Call for Papers for a Special Issue:*

## The era of Circular Bio-economy



### SCOPE

Today, humanity is facing significant challenges due to global population growth, ever-increasing living standards and serious environmental issues, such as climate change, ocean waste, declining arable land availability and dwindling fossil resources. To deal with them it is necessary to change the way we live and work. The concept of bio-economy emerged in response to climate change and the need to find alternatives to the finite fossil resources, while the circularity of human economic activities is a response to growing concerns on the unsustainable use and management of natural resources. Their combination, the Circular Bio-economy, is the prevailing model of economy today. Thus, our era can be characterized as the era of Circular Bio-economy.

This special issue aims to illustrate the latest developments in the various aspects of Circular Bio-economy, such as biomass cultivation and processing technologies, raw materials and products from biomass, recycling technologies and innovative products, new business models, education, policies, sustainability analysis etc.

Contributions will be accepted on research developments, innovative designs, and experiences from various fields. Review papers summarizing the existing knowledge and technological status of different Circular Bio-economy applications are also welcome after coordination with the Special issue Editors.

### GUEST EDITORS

**Dr. Electra Papadopoulou**, Director of the Greek Bioeconomy Forum ([info@bioecoforum.eu](mailto:info@bioecoforum.eu); [info@bioecoforum.gr](mailto:info@bioecoforum.gr))

**Asst. Prof. Dr. Alexandros Stefanakis**, School of Environmental Engineering, Technical University of Crete, Greece & Editor-in-Chief, Circular Economy and Sustainability ([astefanakis@enveng.tuc.gr](mailto:astefanakis@enveng.tuc.gr))

### TIMELINE

November 29, 2020: submission of summary (200-250 words) to the Guest Editors by email for approval

March 31, 2021: Submission of manuscripts via the journal's online system

### HOW TO SUBMIT

Final manuscripts should be original and written in English. The suggested length per article is up to 10,000 words, excluding references. Submission requires that the manuscript has not been submitted for review or publication elsewhere and that it will not be submitted elsewhere while the review process is underway.

All papers go through peer-review by at least two experts. At the time of submission, authors will be asked to suggest a number of reviewers' names.

Papers should be submitted electronically via <https://www.editorialmanager.com/cies/>. Please indicate that this is a submission for the “**Era of Circular Bioeconomy**” issue on the author checklist during the submission process. Details about the preparation of the manuscript can be obtained from the journal's webpage at <https://www.springer.com/journal/43615/submission-guidelines>.

There are no fees for the submission of manuscripts. In addition, CIES offers the open access option (with fees) to those who wish to choose it.

As a special offer, all content in the journal will be in 2021 and 2022 freely accessible to everyone.

#### **THE JOURNAL**

*Circular Economy and Sustainability (CIES)* is a new journal aiming to bring a new approach of the key concepts of circular economy and sustainability, by combining the scientific disciplines of economy, management, engineering, technology, environment, and society, and investigating the relations, interactions and synergies that should be further developed among them.

As circular economy is necessary today to promote the goals of sustainable development, these scientific areas are not independent to each other, but their relations, interactions and synergies exist and should be further developed and studied. Interdisciplinary approaches and multiple connections between these scientific areas are required not only to reach the sustainability goals but also to solve diverse environmental problems, expand technological limits and overcome potential economic disturbances. This approach is expressed with new policies (command and control, market-based instruments, and circular public procurement), technological suggestions (e.g. technical cycle solutions), environmental engineering technologies (e.g., waste management, 3r strategies, water recycle, wastewater treatment and reuse, renewable energy), circular business models, circular innovations, circular management solutions, consumers' behavior in circular economy, new circular economy products labels and social acceptance in circular economy.

These topics could be classified in three levels; the micro-level (firm-level engineering and managerial level), meso-level (industrial ecology, industrial symbiosis, eco-clusters, eco-industrial parks), and macro-level (general policies, plans, green and sustainable entrepreneurship).

Website & Submission portal: <https://www.springer.com/journal/43615>