

Special Issue

Sustainable Bio-Based Polymers: Towards a Circular Bioeconomy II

Message from the Guest Editors

The ubiquity of non-biodegradable petroleum-based plastics in the massive production of commodities in a linear economy context is one of the most important sources of global pollution. Moreover, the imminent dwindling of fossil resources, the contamination derived from monomer synthesis and large-scale production, as well as important concerns about the safety of these plastics in specific applications are becoming increasingly socially alarming regarding their common use. Such social concern is driving greener and stricter market policies and legal regulations concerning sustainability. Among them, the idea of a circular bioeconomy is presented as a viable and desirable solution. In particular, the use of by-products and wastes from agriculture, food, forestry, fishery, etc. to produce functional polymers is of special interest.

In this Special Issue, we aim to publish original works and reviews about processes and technologies for the fabrication and synthesis of sustainable bio-based polymers and their industrial applications, such as food packaging, biomedical devices, textiles, membranes, etc., in terms of a circular bioeconomy.

Guest Editors

Dr. José Alejandro Heredia-Guerrero

Dr. Susana Guzman-Puyol

Dr. José Jesús Benítez

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

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Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

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