

Special Issue

Sustainable Polymers for a Circular Economy

Message from the Guest Editors

The increasing pollution level worldwide and its huge negative impact on both the environment and human health are motivating the research community to identify green solutions to optimize sustainable polymer use and implement a circular economy as a key goal in the context of sustainable development at the global level. The concept of circularity is closely related to the efficiency of using natural resources at the system level, i.e., throughout the entire life cycles of products, and the transformation of waste into new resources for other industries. This approach is applicable in all areas of activity and can generate synergies that, in their totality, can create new development opportunities. The transition to circularity encourages sustainable production and consumption models that are adapted to a society that is constantly exploring new sources to support economic growth but that at the same time consider sustainable development requirements. The process of transforming the traditional, linear, model to a circular one involves re-evaluating its unsustainable aspects to identify future development opportunities.

Guest Editors

Dr. Mihaela Cosnita

Centre Product Design for Sustainable Development, Transilvania University of Brasov, Eroilor 29, 500036 Brasov, Romania

Dr. Cristina Cazan

Department of Product Design, Mechatronics and Environment, Transilvania University of Brasov, 500036 Brasov, Romania

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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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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 4.9.

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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