



## Recycling of Polymers and Multiphase Polymer-Based Systems

Guest Editors:

**Dr. Maurizio Avella**

National Research Council of Italy, Institute for Polymers, Composites and Biomaterials (IPCB), Via Campi Flegrei, 34 - 80078 Pozzuoli (NA), Italy

**Dr. Maria Emanuela Errico**

National Research Council of Italy, Institute for Polymers Composites and Biomaterials (IPCB-CNR), Via Campi Flegrei 34, 80078 Pozzuoli (NA), Italy

**Dr. Gennaro Gentile**

Consiglio Nazionale delle Ricerche, Institute for Polymers, Composites and Biomaterials (IPCB), Via Campi Flegrei, 34 80078 Pozzuoli, NA, Italy

### Message from the Guest Editors

The wide use of polymers and polymer-based materials in several applications is meeting the ever-growing needs of consumers and the commercial expectations of producers; but, at the same time, it is generating serious problems related to the disposal of plastic items at the end of their lives. Therefore, the need to find alternative processes and technologies aimed at developing low-impact end-of-life solutions for polymeric materials has become increasingly stringent. To this aim, plastic recycling still represents one of the most efficient end of life option for polymer-based materials. The aim of this Special Issue is to presents a focused collection of original research and reviews on technical solutions able to improve the end-of-life sustainability of polymer-based materials.

Deadline for manuscript submissions:

**closed (25 May 2019)**





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Alexander Böker

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

## 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 5.0.

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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

**Journal Rank:** JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)

## Contact Us

---

*Polymers* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/polymers  
polymers@mdpi.com  
X@Polymers\_MDPI