

## Special Issue

# Technological Innovations for Polymer Circularity: Upcycling, Biodegradation, and Processing

### Message from the Guest Editors

This Special Issue would focus on a holistic approach to polymer circularity, combining the concepts of upcycling, biodegradation, and sustainable processing into a unified research agenda. The goal is to explore how these strategies can be synergistically applied to create fully circular polymer systems. Topics include but are not limited to the following:

- **Upcycling for Circular Systems**
- **Advanced Biodegradation within Circular Systems**
- **Sustainable Processing Innovations**
- **Advanced characterization methods**
- **Integrated Circularity Models**
- **Intelligent processing innovations**

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### Guest Editors

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### Deadline for manuscript submissions

30 November 2025



## Polymers

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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 4.9.

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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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