## Special Issue

## Natural Degradation of Polymers

### Message from the Guest Editor

Synthetic polymers degrade very slowly in the natural conditions and the main question posed is always regarding how long the integrity of these materials can be maintained, especially when referring to polymeric materials used for building structures, transportation, or medicine. In addition, following the polymer degradation, the production of micro- and nano-plastics should also be considered. This Special Issue responds to the ongoing discussion in the field of plastics regarding "emerging pollutants" and, particularly, the consequence of their degradation in the environment. We welcome interdisciplinary contributions regarding experimental procedures, theoretical suggestions, the circulation and effect of degradation products on the ecosystem, and data collection systems. We thank all the contributors for submitting their work to this upcoming Special Issue of Plastics

### **Guest Editor**

Prof. Dr. Loris Pietrelli

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### Deadline for manuscript submissions

closed (31 July 2025)



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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

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