

Special Issue

Biodegradable Polymers and Biocomposites in Compost and Soil

Message from the Guest Editors

This Special Issue aims to gather original research articles and reviews addressing the fate of biodegradable polymer materials in composting, soil and related biologically active environments. Contributions linking polymer chemistry, processing, morphology, crystallinity, filler–matrix interactions, water sorption, mechanical performance and ageing with biodegradation kinetics, microbial activity and residual polymer formation are especially welcome. Topics may include industrial and home composting, soil biodegradation, microbial and enzymatic degradation mechanisms, compost and soil microbiomes, residual polymer analysis, carbon-balance approaches, ecotoxicological assessment, environmental impacts, circularity and life-cycle thinking. By integrating polymer science, materials characterization, microbiology, and end-of-life assessment, this Special Issue seeks to advance a multiscale understanding of biodegradable polymers and biocomposites, from material design to their actual fate after use.

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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 5.8.

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

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