

## Special Issue

# Derived Polymers from Biomass and Wastes

### Message from the Guest Editors

This Special Issue will focus on developing sustainable polymers synthesized from biomass, industrial/agricultural waste materials, and their applications. It will highlight novel strategies for converting lignocellulosic residues, food waste, and biogenic feedstocks into biopolymers such as polylactic acid (PLA), Polyhydroxyalkanoates (PHA), cellulose, starch, lignin, etc., and their composites. Emphasis will be placed on green processing technologies, material characterization, and the environmental advantages of bio-derived polymers over petrochemical alternatives. Notable applications include packaging, biomedical devices, and structural composites, which will also be discussed.

### Guest Editors

Dr. Niyi Olaiya

Department of Plastics Engineering, Francis College of Engineering,  
University of Massachusetts Lowell, Lowell, MA, USA

Dr. Chrysanthos Maraveas

Farm Structures Lab, Department of Natural Resources and Agricultural  
Engineering, Agricultural University of Athens, Athens, Greece

### Deadline for manuscript submissions

28 February 2026



## Polymers

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*Polymers*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[polymers@mdpi.com](mailto:polymers@mdpi.com)

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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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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

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