

## Special Issue

# Sustainable Natural Polymers and Composites for Water Treatment

### Message from the Guest Editors

Addressing the global water crisis is a paramount challenge of the 21st century, with over 800 million people lacking access to safe drinking water due to contamination and scarcity. Urgent actions for water remediation are imperative. This Special Issue delves into developing eco-friendly, cost-effective materials to enhance the removal of regulated inorganic contaminants in water treatment processes. The proliferation of post-consumer and industrial waste underscores the need for sustainable solutions. Micropollutants, known for their high toxicity and resistance to degradation, pose significant risks to both humans and the environment. Traditional wastewater treatment methods often fail to eliminate these pollutants at low concentrations.

This Special Issue explores novel treatment technologies to control and remove micropollutants from aquatic environments. Emphasizing the importance of energy-efficient approaches and environmental protection, this Special Issue highlights naturally derived adsorbents and their composites as promising materials.

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### Guest Editors

Prof. Dr. Youness Abdellaoui

Dr. Eduardo A. Lopez-Maldonado

Dr. Lourdes Díaz Jiménez

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### Deadline for manuscript submissions

closed (25 March 2025)



## Polymers

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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 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

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