

Special Issue

Polymeric Materials for the Building Industry

Message from the Guest Editors

This Special Issue focuses on *Polymeric Materials for the Building Industry*, emphasizing the integration of polymer science with civil and materials engineering. The basic principle lies in tailoring polymer structures, functional groups, and composite interfaces to achieve enhanced mechanical performance, durability, and smart responsiveness in construction materials. Topics include self-healing polymers, anti-abrasion and anti-impact composites, polymer-modified ultra-high-performance concrete (UHPC), and sustainable polymer-based binders. The Special Issue aims to provide a platform for cutting-edge research on synthesis, characterization, modeling, and engineering applications of advanced polymer systems that drive the next generation of intelligent and durable building materials.

Guest Editors

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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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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