

## Special Issue

# Advances in Polymers and Polymer Composites for Construction Applications

### Message from the Guest Editors

With the rapid development of the organic chemical industry, the variety of polymers and polymer composites has increased greatly, their performance has been improving, and the application fields have become more extensive, with widespread use seen in construction engineering and road engineering. In road engineering, polymers and polymer composites can be used to prepare polymer-modified asphalt, improve the performance of cement concrete, serve as cementing and caulking sealing materials, etc. In construction engineering, polymers and polymer composite materials are also widely used in building plastics, building coatings and building adhesives. In addition, there are also research publications on polymer cement mortar, polymer-modified concrete, high-performance concrete reinforced by randomly distributed polymer fibers, etc.

Despite the increasing amount of research on polymers and polymer composites, various challenges and research barriers remain unresolved, calling for further innovative exploration. The goal of this Special Issue is to provide a platform to demonstrate the state-of-the-art development of polymers and polymer composites for construction applications.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 May 2024)



## Polymers

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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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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