

## Special Issue

# Application of Polymer Materials in Pavement Design: 2nd Edition

### Message from the Guest Editors

With the continuous development of the social economy, the construction of the transportation field has also ushered in new developments and challenges. SBS, SBR, PE, EP, PU, anti-rutting agents, and other polymer materials can be used to modify asphalt and improve its performance, with the application of polymer admixtures in cement and concrete being capable of improving the hydration properties of cement and the strength and durability of concrete. Polymer materials are also widely used in pavement maintenance and disease treatment and are able to quickly restore road function and prolong the road's service life. In addition, the application of functional polymer materials in the field of road performance will not only meet the durability and stability of pavements, but will also realize their green environmental protection and intelligent functions, a topic falling within the scope of this Special Issue.

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### Guest Editors

Prof. Dr. Wei Jiang

Prof. Dr. Quantao Liu

Dr. Jose Norambuena-Contreras

Prof. Dr. Yue Huang

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### Deadline for manuscript submissions

closed (15 February 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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