



## Advances in Polymers and Polymer Composites for Construction Applications

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### 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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