



Polymer-Cement Composites: Synthesis, Properties and Application

Guest Editor:

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Message from the Guest Editor

The development of polymer–cement composites provides multi-functionalized materials necessary to optimize the use of cement composites in practical engineering. Various polymers have been developed to modify the properties of cement and enhance the performance of cement composites. The synthesis, properties and applications of polymers, as well as polymer–cement composites are popular topics in the area of construction materials. In recent years, extensive studies have been carried out to explore new polymers to improve the performance of cement composites. The effects of these polymers on the properties of cement composites have been investigated and revealed, and the results demonstrate promising applications of the new composites. In this regard, this Special Issue, entitled “Polymer–Cement Composites: Synthesis, Properties and Applications”, aims to collect and summarize novel ideas, results and reviews on polymer–cement composites. This list is only indicative and by no means exhaustive; any original theoretical or simulation studies or review articles on the role of polymer–cement composites are welcome.





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