



Advances in Geopolymer and Cement Concrete Composites

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Message from the Guest Editors

In recent decades, higher performance and increased sustainability are the two major research trends in concrete technology. On the one hand, concrete materials for modern construction are expected to process better mechanical behaviour, using either advanced binder technology or high-performance fibre reinforcement. On the other hand, tremendous interest has been attracted to greener concrete materials in order to reduce carbon emissions and mitigate the consumption of natural resources. Among the available achievements, geopolymers can typically be regarded as a green cementless binder, sourced from industrial/agricultural/urban wastes/by-products. The development of both high-performance and green geopolymer/cement concrete composites can be solid foundations to support modern urbanization and civilization.

This Special Issue aims to present the recent advances and new achievements on green or high-performance geopolymer/cement concrete composites for sustainable and resilient infrastructure.





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Message from the Editor-in-Chief

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