



Sustainable Concretes: Latest Advances and Prospects

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Message from the Guest Editors

Dear Colleagues,

Concrete is the most widely used construction material in the world, typically produced using Portland cement (PC) as the binder. The mass of PC used in concrete construction brings about a critical environmental issue due to the high emission of carbon dioxide gas during its manufacture from the calcination of limestone and the combustion of fossil fuel. On the other hand, the rising demands to reduce the cost of binder in concrete desiderate the aim to offer an alternative source to PC. To date, novel concrete systems, such as geopolymer concrete, magnesium phosphate concrete, and concrete using supplementary cementitious materials, have been extensively explored in concrete research.

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Message from the Editor-in-Chief

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