



Study on Crack Resistance of Concrete

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Message from the Guest Editor

Concrete cracking is a crucial factor that threatens the durability and strength of concrete. Cracking resistance of concrete is influenced by many factors, such as mechanical properties, temperature process, autogenous shrinkage, restrained stress, and creep, etc. The study of crack resistance of concrete is of great significance to its wide application. This Special Issue focuses on, but is not limited to, the research on the cracking resistance of ordinary Portland cement concrete, the relationship between the cracking mechanism and performance of some types of concrete such as alkali-activated cement concrete, fiber or steel reinforced concrete.

It is my pleasure to invite you to contribute to the Special Issue “Study on Crack Resistance of Concrete”. Full papers, communications, discussions, and reviews related to induction factors of concrete cracking and concrete properties, microscopic formation mechanism of concrete cracking, concrete crack recognition and extraction technology, numerical simulation study of concrete cracking, and materials, NDT and monitoring aspects of resistance and maintenance of concrete cracks or defects are welcomed.





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Message from the Editor-in-Chief

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