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## Concrete Durability: Deterioration Mechanisms, Prediction and Rehabilitation

Guest Editor:

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Deadline for manuscript submissions:

**closed (10 November 2023)**

### Message from the Guest Editor

Concrete is the most widely used man-made material in the modern construction industry. However, the service life of concrete constructions has been seriously shortened due to various durability problems. Therefore, it is extremely significant to better understand the mechanisms during the deterioration processes and then to reliably enhance the long-term performance of concrete in practice.

This Special Issue aims to present new findings on mechanism studies in the subject area and to bring innovative solutions for prediction and protection/rehabilitation of concrete durability.

Potential topics include but are not limited to the following:

Deterioration mechanisms of concrete;  
Microstructures of cementitious materials;  
Prediction of degradation process;  
Prediction of durability properties;  
Numerical modelling and investigation;  
Long-term performance of concrete structures;  
Strengthening, protection and rehabilitation.



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# Special Issue



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## Message from the Editor-in-Chief

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