



Recent Technologies and Applications of High-Performance Cement and Concrete

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Message from the Guest Editors

This Special Issue will publish high-quality, original research papers in the overlapping fields of:

(1) Development history of materials research and application:

- Research history of high-performance cement and concrete;
- Application history of high-performance cement and concrete;

(2) Material property design theory and optimization method:

- High mechanical properties;
- High carbon capture and sequestration;
- High durability;

(3) Eco-friendly high-performance cement and concrete:

- High-performance cement and concrete made by waste resources;
- Recovery and utilization of high-performance cement and concrete;
- The effect of concrete on the environment;

(4) Future development of high-performance cement and concrete:

- Design theory of material properties based on artificial intelligence





applied

- Intelligent construction technology for high-performance cement and concrete;
- Cement-based materials used in Lunar and Martian construction.

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Message from the Editor-in-Chief

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