

Novelties in the Production of Mineral Binders and Concrete

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Message from the Guest Editors

This Special Issue aims to compare the latest developments in the production and application of cement, non-cement binders and concrete with an emphasis on environmental friendliness, corrosion resistance and durability, including but not limited to:

- Advanced production technologies in the cement industry;
- Design and development of cement composites using fibers of biological origin;
- Design and testing of composites based on non-cement binders;
- Durability and corrosion resistance tests of concrete.

For more details, please click [Special Issue](#). For scholars interested to submit papers to the Special Issue, please click “Submit to Special Issue” or contact astoria.yao@mdpi.com.



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Message from the Editor-in-Chief

Current urban environments are home to multi-modal transit systems, extensive energy grids, a building stock, and integrated services. Sprawling neighborhoods are composed of buildings that accommodate living and working quarters. However, it is expected that the cities and communities of the future will face complex and enormous challenges, including maintenance, interconnectivity, resilience, energy efficiency, and sustainability issues, to name but a few. A smart city uses advanced technologies and a digital infrastructure to improve the outcomes in every aspect of a city's operations. A smart building optimizes the experience of occupants, staff, and management by using a modern and connected environment. Innovations in technology that can bring dramatic improvements to design, planning, and policy are critical in developing the cities and buildings of the future.

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