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## Innovative Construction Materials for Advanced Engineering Applications

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### Message from the Guest Editors

Zero carbon emission policies call for greener solutions in cementitious composites, concrete mixes, fibre-reinforced polymers, nanomaterials, and adhesives, as well as revolutionary design, processing and production methods to reduce the usage of raw materials and energy costs. There is also a focus on prolonging the service life of structures and the cyclic economy. Recycling of used materials is at the forefront and new composites are being invented and tested. As a result, new adaptations to already existing testing methods are being devised and new production methods are being presented. Furthermore, 3D printing is revolutionizing the way the infrastructure is perceived, and engineering is entering all sectors of life.

This issue celebrates all advancements and particularly welcomes new studies on combinations of construction materials, be they bio-based, nanosized, recycled, energy-harvesting, self-sensing, fatigue-resisting, compatible with materials of historical structures, 3D-printed, smart or others. Particular emphasis is placed on green technology and materials, new characterization methods and novel structural tests that can be performed on the materials.





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## Message from the Editor-in-Chief

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