Special Issue

Recent Advances in Smart Materials for the Built Environment

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Message from the Guest Editors

Dear Colleagues,

The built environment of the future is expected to need novel smart and multifunctional construction materials that provide a variety of other features, in addition to strength and durability. In this view, many researchers worldwide are focusing on the development of such innovative and highly promising solutions with the purpose to enhance the construction material behaviour in terms of environmental sustainability and technical performance including the new frontiers of self-sensing, self-healing, energy harvesting, overheating control, noise reduction, microclimate mitigation, and other capabilities.

This Special Issue aims at presenting a number of high-quality up-to-date research contributions that have proven benefits and feasibility of smart materials in the built environment at large. Technical papers, reviews and case histories on laboratory and in-situ experiments are all welcome.

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