Special Issue

Sustainability in Novel Construction Composites

Message from the Guest Editors

Large amounts of greenhouse gases and huge energy consumption are involved in construction energy. However, sustainable construction is mandatory, and hence, the reduction in CO2 emissions and the reduction in energy consumption must be urgently addressed. A way to achieve this target is by modifying and/or creating novel construction composites. From cement-based composites, through polymer composites or natural fiber composites, to carbon composites, among many others, there is a wide field where research efforts are still needed in order to reduce the carbon footprint of the construction industry. Using recycled materials, waste materials, and local and ecological production, can reduce the environmental impact. Additionally, however, the characterization of materials and composites, the study of new applications, procedure, techniques, functionalities, etc., can propose solutions and new ways to achieve those goals. This Special Issue of *Applied Sciences* aims to provide interdisciplinary solutions through the study of novel composites to improve sustainability in the construction and building industry.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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