



Alternative, Traditional and Waste Materials Used in the Construction Industry: Research, Modeling and Design

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Message from the Guest Editor

Traditional building materials are very popular. Nowadays, new properties, advantages, and disadvantages of materials are being discovered. The disadvantages of traditional building materials have increased interest in the use of alternative materials in civil engineering. These alternative materials include production and post-production waste materials from different industry branches. The usage of waste materials as an alternative addition or admixture for traditional materials could help to reduce greenhouse gas emissions, is environmentally friendly, and would help to save the planet. Concrete is one of the most popular traditional materials and can be modified by the addition and admixture of waste materials. To produce an advanced and environmentally friendly material (green concrete), new research, numerical simulations, and design methods are required. These would allow us to discover the properties of new material and thus develop new methods of designing construction elements for different kinds of building objects. I would like to encourage you to publish articles related to the aforementioned topics. I look forward to our fruitful cooperation.





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Message from the Editor-in-Chief

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