



Sustainable Construction and Innovative Building Materials

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Deadline for manuscript
submissions:

31 August 2021

Message from the Guest Editor

Dear Colleagues,

Sustainability is a topic of crucial importance to be considered in all human activities. To this purpose, the interest provided by the scientific community on sustainability is continuously growing and special attention is given to all the phases of the built environment.

A high amount of the annual budget of construction industry is spent in the repair and in the maintenance of existing damage structures, as a matter of fact, the objective should be to extend the service life of structures reducing maintenance costs. For this reason, it is of utmost interest to build with highly durable and low-maintenance materials, such as self-healing cementitious materials.

Current topics of interest include:

- Self-healing cementitious materials
- Reduction of CO₂ emissions due to concrete production
- Use of recycled materials, including recycled concrete
- Durability studies
- Use of nano-additions in sustainable constructions
- Innovative building materials
- Use of waste materials and industrial by-products in concrete





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Message from the Editor-in-Chief

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