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Sustainable Materials for Constructions: The Case of Natural Materials

Guest Editor:

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Deadline for manuscript submissions:

closed (30 June 2021)

Message from the Guest Editor

We are facing a broad range of challenges that claim sustainable choices, and there is growing recognition and awareness that nature can provide viable solutions. For this reason, we are looking with increasing interest at the use of natural materials for constructions. There are several emerging natural materials that appear to be useful and deserve research to fully understand their potentials and exploit their possible applications.

The aim of this Special Issue is to collect and give visibility to the research on natural materials for constructions.

In particular, we welcome papers focusing on:

- mechanical and physical characterization of emerging sustainable natural materials with innovative experimental setups;
- modeling of the mechanical and physical performance of emerging sustainable natural materials;
- the extension of the experimental characterization and modeling at the level of construction elements made by these materials;
- innovative uses of these materials in constructions toghether with the rediscovery of the traditional ones;
- grading of the materials;
- standardization procedures.









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Message from the Editor-in-Chief

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