

## Special Issue

# State-of-the-Art Construction Materials in Italy: Challenges for Sustainable, Safe, and Resilient Buildings

### Message from the Guest Editor

In recent years, Italian research has contributed significantly to the progress of knowledge on traditional and innovative materials and techniques for civil applications. A great effort has been devoted to investigating the effectiveness of innovative strengthening techniques for existing structures, especially after the dramatic seismic events that recently occurred in Italy. Experimental, analytical, and numerical studies have allowed, indeed, the definition of national code indications and qualification standards for new materials, such as the Fibre Reinforced Polymer (FRP) and Fibre Reinforced Cementitious Matrix (FRCM) ones. Moreover, research in Italy is also very active in the development of materials (special concrete, nanomaterials) and techniques (dissipative devices) for new structures and for designing sustainable, safe, and resilient buildings, especially with respect to seismic actions. This Special Issue is aimed at collecting an overview of recent research activities in Italy on construction materials. Full papers, communications, and reviews are all welcome.

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### Guest Editor

Dr. Francesca Ceroni

Engineering Department, Parthenope University of Naples, Naples, Italy

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### Deadline for manuscript submissions

closed (20 July 2022)



## Materials

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### Message from the Editor-in-Chief

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### Editor-in-Chief

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