

Special Issue

Building Materials for Sustainable Restoration

Message from the Guest Editor

The restoration of existing buildings—particularly historical and culturally significant structures—plays a crucial role in the global transition toward sustainability. This Special Issue focuses on the development, characterization, and application of materials that support environmentally responsible restoration practices. It brings together research on traditional and innovative materials, including natural, recycled, bio-based, and low-impact products, assessing their performance in terms of durability, compatibility, and environmental footprint. Special attention is given to solutions that balance technical performance with respect for historical authenticity and architectural value. Topics include the life cycle assessment of materials, the improvement in energy efficiency in retrofitting, and the integration of new technologies in heritage conservation. By bridging material science, conservation theory, and sustainable design, this Special Issue aims to highlight strategies that enable long-lasting, resource-efficient, and culturally sensitive restoration and provide a scientific foundation for future policies and practices in sustainable restoration.

Guest Editor

Dr. Stefania Liuzzi

Dipartimento di Architettura Costruzione e Design, Politecnico di Bari,
Via Orabona n. 4, 70125 Bari, Italy

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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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