

Special Issue

Building Energy and Structural Deep Renovation: Analysis, System and Approach

Message from the Guest Editor

The main objectives of this Special Issue are the following:

- Improving knowledge on the combined strategy for the energy and structural improvement of existing buildings;
- Improving the knowledge on the secondary raw materials use in the civil engineering field from the perspective of circular economy;
- Framing the main critical issues of existing buildings in relation to the expected targets of safety, energy efficiency, durability and maintenance;
- Developing new market strategies for renovation interventions on buildings;
- Disseminating scientific knowledge and transferring practical cases to stakeholders on different aspects (design, construction, manufacture, maintenance);
- Contributing to the development of protocols and guidelines to identify methodologies and tools in order to properly design and predict the improved buildings performances once utilizing the proposed solutions.

Guest Editor

Dr. Paola Lassandro

Construction Technologies Institute, National Research Council of Italy (ITC-CNR), Via Paolo Lembo, 38/B, 70124 Bari, Italy

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

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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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