

Special Issue

Sustainable Construction and Innovative Building Materials

Message from the Guest Editor

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

Guest Editor

Dr. Estefanía Cuenca Asensio

Department of Civil and Environmental Engineering, Politecnico di Milano, Piazza Leonardo da Vinci, 32, 20133 Milan, 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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Message from the Editor-in-Chief

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. *Sustainability* publishes original research articles, review 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. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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