



Life Cycle Thinking for a Sustainable Built Environment

Guest Editors:

Prof. Dr. Franco Cotana

1. Department of Engineering,
University of Perugia, 06123
Perugia, Italy
2. RSE S.p.A.—Ricerca Sul
Sistema Energetico, Via Raffaele
Rubattino 54, 20134 Milano, Italy

Dr. Mattia Manni

CIRIAF—Interuniversity Research
Center on Pollution and
Environment “Mauro Felli”, 06123
Perugia, Italy

Deadline for manuscript
submissions:

closed (28 February 2022)

Message from the Guest Editors

Dear Colleagues,

Life Cycle Assessment (LCA) has been widely utilized during the last decades to investigate the influences on global greenhouse gas (GHG) emissions of various human activities and products. Alongside this, LCA-related tools, such as Life Cycle Cost (LCC) and Social Life Cycle Assessment (S-LCA), have permitted holistic analyses by also including the economic and social fields. This has highlighted the need to develop a Life Cycle Thinking framework. When it comes to the building sector, LCA has permitted a better understanding of the potential environmental impacts of construction materials and technologies, and also of systems and plants installed to guarantee adequate comfort conditions or to produce energy from renewable energy source (RES).

This Special Issue aims to bring together current progress on LCA which can contribute to a better knowledge of the impact of the building sector, but also to the identification of low-carbon solutions and to enhance the robustness of the LCA methodology. Original research article and comprehensive reviews along with well-documented case studies will be considered for publication.





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Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

Message from the Editor-in-Chief

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MDPI, Grosspeteranlage 5
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