



Sustainability and Innovation in Building Materials and Technologies: Resource Efficiency and Life Cycle Analysis

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Message from the Guest Editors

Dear Colleagues,

Building construction materials and technologies play an essential role in the achievement of Sustainable Development Goals (SDG) and the National Recovery and Resilience Plan (NRRP). Many solutions and opportunities are offered in the field of research and industry for facing the decarbonization of buildings through innovative envelope components and renewable energy systems integrated into the buildings.

This special issue wants to offer a collection of papers that deals with not only innovative construction elements and components on various levels, including composition selection, production technology and end-of-life options but also with novel RES (Renewable Energy Systems) systems and technologies integrated into the building from all points of view: functional, constructive and aesthetic.

This Special Issue aims to contribute an outstanding collection of both research and design practice papers on in sustainable and innovative building materials and Technologies.





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Message from the Editor-in-Chief

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