



## Green Roofs: Energy Efficiency and Sustainable Environment

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submissions:

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### Message from the Guest Editors

Dear Colleagues,

The building sector is responsible for almost 40% of both energy consumption and CO<sub>2</sub> emissions. Improving the energy efficiency improvement and reducing the environmental pressures due to buildings are thus two of the main goals of world environmental policies for a low-carbon society and a sustainable development.

This framework calls for innovative solutions in conceiving the building envelope and its energy systems. Among envelope's technologies, green roofs have are increasingly gaining in popularity because, in addition to the several environmental and economic benefits they offer, they are capable of reducing climatization's energy needs, especially in summer, also enhancing indoor comfort levels.

High-quality papers addressing the above-mentioned issues, though not limited to them, are solicited for this Special Issue, with particular interest in theoretical and experimental analyses aiming to provide new methods, new indicators, or new data useful for more reliable energy modeling and for better understanding of the actual environmental impact and cost of this technology.

Guest Editors





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## Message from the Editor-in-Chief

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