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Retrofitting Buildings and Energy Efficiency

Guest Editors:

**Prof. Dr. Francisco José
Sanchez de la Flor**

Grupo de Ingeniería Térmica,
Escuela Superior de Ingeniería,
Departamento de Máquinas y
Motores Térmicos, Universidad
de Cádiz, 11519 Puerto Real,
Spain

**Prof. Dr. José Manuel
Salmerón Lissén**

Grupo de Termotecnia,
Departamento de Ingeniería
Energética, Escuela Superior de
Ingenieros, Universidad de
Sevilla, Camino de los
Descubrimientos s/n, 41092
Sevilla, Spain

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Message from the Guest Editors

Today, buildings are estimated to be responsible for approximately one-third of energy consumption in developed countries. A situation, largely due to the fact that the current building stock was built without strict thermal regulations. On the other hand, the pace of renovation of this building stock is still very slow.

The importance of strong measures to reduce energy consumption in buildings is a key point that the scientific community has been insisting on. Numerous studies have been developed highlighting the energy savings that are achievable by improving the design of buildings or the use of different technologies or materials.

This Special Issue aims to collect new advances in knowledge of retrofitting buildings and energy efficiency through publications on theoretical studies, numerical simulations of building energy performance, experimental measures in laboratories or even in real buildings.

Keywords:

- retrofitting of buildings
- energy efficiency
- energy-saving measures in buildings
- renewable energy



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Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
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