

## Special Issue

# Energy Efficiency and Thermal Comfort in Buildings

### Message from the Guest Editor

Buildings are a very important opportunity to reduce the energy consumed by our society, while other sectors, such as industry or transport, present much greater difficulties. It is important to point out that we currently possess the technology to achieve this reduction in consumption without a reduction in thermal comfort, and achieving this binomial (a reduction in energy consumption and an increase in thermal comfort simultaneously) is the most important issue. Nowadays, this is possible, and it is the focus of this Special Issue, in which any type of research is welcome that rigorously contributes to these objectives. Energy efficiency has been shown to be a fundamental tool, not only in the construction materials involved (insulation, phase change material, reduction in density, or increase in stored energy as intended), but also in the components used for climatization. It is necessary to highlight the use of heat pumps for which energy is taken from the environment that is considered most appropriate, renewable, and economical. Any additional considerations will be welcomed since the width of the issue allows any additional contribution!

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### Guest Editor

Prof. Dr. Rafael Royo-Pastor

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### Deadline for manuscript submissions

closed (20 October 2024)



## Applied Sciences

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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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### Editor-in-Chief

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