



Efficiency and Optimization of Buildings Energy Consumption

Guest Editor:

Dr. José A. Orosa

ETSNyM. Department of
Navigation Science and Marine
Engineering, University of A
Coruña. Paseo de Ronda 51.
15011 A Coruña, Spain

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Message from the Guest Editor

Today, the collaboration of researchers from different areas of knowledge using the most recent advances in their respective fields is needed in order to reach a real breakthrough in the increasingly multidisciplinary research on interior environments. Furthermore, new technologies have emerged recently, which allow us to sample and analyze real, sampled data with the latest sensors and to simulate ambiances with new and powerful three-dimensional engineering procedures as has never been done before.

This Special Issue aims to underscore the importance of new technologies relating to energy saving in building design, construction, and optimization. Potential topics include, but are not limited to, the following:

- Building construction;
- Energy saving;
- New energy technologies;
- Optimization;
- Building design;
- Energy consumption;
- Zero-energy buildings;
- Sustainable buildings;
- Materials in building;
- New technologies.





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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, Grosspeteranlage 5
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