



Sustainable Energy Management of Buildings and the Integration with BIM Technologies

Guest Editors:

Dr. Norena Martin-Dorta

Department of Techniques and Projects in Engineering and Architecture, Universidad de La Laguna, Calle Padre Herrera, 38200 San Cristóbal de La Laguna, Santa Cruz de Tenerife, Spain

Dr. Benjamín González-Díaz

Department of Industrial Engineering, Universidad de La Laguna, Calle Padre Herrera, 38200 San Cristóbal de La Laguna, Santa Cruz de Tenerife, Spain

Deadline for manuscript submissions:

closed (30 August 2021)

Message from the Guest Editors

Dear Colleagues,

Due to the information capacity, the IoT and new building techniques, we are witnessing a new challenges era, centred in sustainability. The new manufacturing structures, the access to the information before, during and after a renovation or new construction will create a new industry paradigm, generating massive digital information that can be used to take more accurate decisions on the elements production, control and planning. Many new areas are working together to create successful models, ontology and methodology in this new context. These new methodologies will improve the efficiency of the processes and achieve less wasteful production.

This Special Issue of the journal *Energies* will be focused on sustainable energy management of buildings and the integration with BIM technologies.

We invite researchers to contribute original and unique articles, as well as sophisticated review articles. Topics include, but are not limited to, the following areas:

- Energy management models
- Building energy model (BEM)
- Building information modelling (BIM)
- Energy in buildings
- Data fusion and integration for BIM control





energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (Control and Optimization)

Contact Us

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://twitter.com/energies_mdpi)