

Special Issue

The Binomial IEQ: Energy Demand

Message from the Guest Editors

Only in recent years, the application of the human factors' principles stated the need for rethinking the whole indoor built environment design. Indoor environments should be livable, comfortable, safe, and productive, with low energy costs, and their design has to be compliant with sustainability in a general context where the balance between man and nature is breaking. This holistic approach has changed the role of the project teams who need to be multi-disciplinary and be able to simulate energy performance of buildings and evaluate the Indoor Environmental Quality (IEQ) in an integrated design process.

To achieve a sustainable compromise in terms of IEQ and building energy requirements, several challenging questions must be answered about design, technical, engineering, psychological, and physiological issues and, finally, potential interactions among the four components of the IEQ.

This Special Issue invites scholars to contribute original research and review articles on innovative design, systems, and/or control domains that can enhance IEQ, work productivity, wellbeing in a built environment consistently with the building energy performance.

Guest Editors

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Deadline for manuscript submissions

closed (31 October 2021)



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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.

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