Special Issue

New Advances in Indoor Acoustics and Thermal Comfort for Sustainable Buildings

Message from the Guest Editors

Nowadays, the concept of “sustainable building” is gaining more and more interest. The European plan on climate change, the general situation about global pollution and the anthropogenic greenhouse effect, as well as the increased comfort expectations of the occupants of buildings are all driving towards the idea of urban development aiming to fight climate change. Designing only in accordance with current regulations means designing a building that is already obsolete from a thermo-acoustic point of view. Standards related to the insulation of nZEB and passive houses, which are already compliant with or able to meet future requirements, are of course highly recommended. The advent of new, sustainable and highly efficient thermo-acoustic insulating materials, the development of modern numerical methods and software for the computer-aided design of the whole-building physics, as well as state or local incentives for increasing building efficiency are all aspects that make this Special Issue a real opportunity to showcase cutting edge and pioneering scientific research on these topics.

Guest Editors

Dr. Davide Borelli

Dipartimento di Ingegneria Meccanica, Energetica, Gestionale e dei Trasporti, Università degli Studi di Genova, sez. Termoenergetica e Condizionamento, Via all’Opera Pia 15a, 16145 Genoa, Italy

Prof. Dr. Umberto Berardi

ArCoD Department, Polytechnic University of Bari, Bari, Italy

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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