

Special Issue

Acoustics Analysis and Noise Control for Buildings

Message from the Guest Editors

Following the need to take care of human well-being in buildings, we announce the current Special Issue. Emitted and perceived sounds, in fact, are the most important ways for people in buildings to communicate and exchange information and experiences. However, in this context, disturbing sounds, referred to as noise, are generated not only by the people but also by the equipment in buildings and their surroundings, affecting both sound quality and health. Ensuring an adequate level of acoustic quality and noise protection becomes mandatory. Two important tasks are identified, which are related to acoustic comfort in buildings: the first, "Room Acoustics", focuses on the design of the architectural form of the rooms and the sound-absorbing properties of interior surfaces, which define the sound field; the second, "Building Acoustics", focuses on the design and evaluation of sound insulation against airborne and impact sound.

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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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