

Special Issue

Recent Advances in Architectural Acoustics and Noise Control

Message from the Guest Editor

Research in the field of architectural acoustics aims to increase the comfort and quality of life of people in living and working environments. Modern acoustics begins with the studies of W. C. Sabine at the end of the 19th century. Architectural acoustics includes the acoustics of closed environments, buildings, work environments such as schools or industries, and sports environments such as gyms and swimming pools. To have good conditions of acoustic comfort, the evaluation of the acoustic insulation and the control of the reverberation are required in order to obtain an environment in which a suitable quality of life is possible. In addition, indoor acoustics include topics such as opera houses, concert halls and auditoriums, schools, cinemas, gymnasiums, swimming pools, restaurants, and open spaces. The optimal conditions of acoustic comfort can be obtained with good planning and the application of suitable insulating or sound-absorbing materials. Studies on the applications of metamaterial acoustics are also appreciated. In this Special Issue, we welcome original research papers and review articles based on diverse topics in building acoustics.

Guest Editor

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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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