

Special Issue

Modelling Acoustics, Vibrations, or Vibroacoustics for a Modern Built Environment

Message from the Guest Editors

Acoustics and vibrations can have a major impact on the health and wellbeing of the residents in urban areas.

This is becoming even more important with the increased levels of urbanization and the population density in modern cities. In this Special Issue, we aim to collate engineers, scientists, researchers, and academics who can further develop our understanding of different aspects of the problem and related techniques. We welcome all contributions made on different aspects of modelling sounds or vibrations. Such studies could be numerical, analytical, and/or experimental. We are also interested in modern applications of such studies as well as related solutions to reduce vibrations or noise levels. **Keywords:** acoustic waves; vibrations; vibroacoustic; Helmholtz equation; wave equation; indoor/outdoor; sound environment; acoustic/vibration metamaterials; sound/vibrations absorbers; acoustic diffusers; auralization/visualization

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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.

Editor-in-Chief

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