



Sustainable Acoustic Materials

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Message from the Guest Editors

The purpose of this Special Issue is to report on the latest research and development works carried out in the field of sustainable acoustical materials. Acoustical materials come in a variety of forms to provide sound absorption, insulation and vibration damping. Recent advances in material science, manufacturing processes, chemistry, and nanotechnologies are producing significant improvements in the design, production, and performance of specialized materials and metamaterials. These environmentally-friendly materials are manufactured through a responsible interaction with the environment to avoid depletion or degradation of natural resources and allowing for long-term environmental quality. Papers related (but not limited) to advances, development, innovation, analysis and/or optimization of sustainable acoustical materials or metamaterials. Papers can be related to fundamental research, and/or applications, related to design, modelling, testing, and/or manufacturing of acoustical materials, mixed and composite materials and to systems such as green roofs and green walls.





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Message from the Editor-in-Chief

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