

Special Issue

Measurement, Simulation and Design of Sound in Urban Spaces

Message from the Guest Editors

From measures for protection against noise pollution to the optimisation of environmental comfort for specific outdoor/indoor functions, the acoustics of urban spaces has been demonstrated to have a great impact on human life. The sound quality in urban spaces is not only a matter of physical limits; it is also key to human physical and psychological wellbeing, which makes it a challenge for the latest data analysis techniques. This Special Issue aims to gather major publications on projects and achievements which, from theoretical and practical perspectives, make innovative proposals regarding the Measurement, Simulation and Design of Sound in Urban Spaces. Particular attention will be given to papers that show how urban spaces are constructed and drawn by psychoacoustics and soundscapes, but also how environmental sounds are produced and shaped by urban spaces. Finally, this Special Issue also aims to gather articles in different cultural and geographical contexts (on the five continents), at building, district, city and/or megalopolis scale.

Guest Editors

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Deadline for manuscript submissions

closed (20 July 2024)



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About the Journal

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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