

Special Issue

Indoor Soundscape: Integrating Sound, Experience and Architecture

Message from the Guest Editors

The indoor soundscape framework includes built entities, sound environments, and the contextual experience of the user. This condensation of different aspects in one totalitarian approach has led to the design of this new research field. Through this perspective, users and their interactions with their environment become a dominant part of the evaluation process. These interactions reveal the details of how a space is used and perceived by occupants. In addition, spatial characteristics are very important for indoor sound environments and how sound behaves within a particular enclosure. This Special Issue aims to include original research that concentrates on soundscape analysis of indoor spaces, soundscape design of enclosed or semi-enclosed public spaces, acoustic comfort assessment of users, and the effects of architectural elements on overall sound environments. Methods on psychoacoustic, temporal analysis of sound environment, and soundscape perception analysis, studies on enclosed private and public spaces, such as transportation, residential, recreational buildings, etc. are all welcome.

Guest Editors

Dr. Papatya Nur Dökmeci Yörükoğlu

Department of Interior Architecture, School of Architecture, Cankaya University, Cankaya, Ankara 06530, Turkey

Prof. Dr. Jian Kang

UCL Institute for Environmental Design and Engineering, The Bartlett, University College London, London WC1H 0NN, UK

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Prof. Dr. Stéphane Moreau
Mechanical Engineering Department, Université de Sherbrooke,
Sherbrooke, QC J1K2R1, Canada

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