

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.

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