Special Issue

Indoor Soundscaping: Integrating Sound, Experience and Architecture

Message from the Guest Editor

Built entity, sound environment and contextual experience of the user, together, form the indoor soundscape framework. Users and their interactions with the environment is a dominant part of the evaluation process. Spatial characteristics are very important for indoor sound environments. Architectural and room acoustics theories are crutial for understanding indoor sound behavior. Therefore, architectural characteristics, objective sound analysis and subjective assessment of user perception and experience, together, shows an overall approach addressing all variables of the indoor soundscaping framework. This Special Issue includes original research on soundscape analysis of indoor spaces, soundscape design of enclosed/semi-enclosed public spaces, acoustic comfort assessment of users and the effects of architectural elements on overall sound environments. Methods on psychoacoustic and temporal analysis of sound environment and soundscape perception analysis, studies on different measurement and analyses methods of the sound environment and human perception are also included.
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