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Session: Soundscapes: Decisions on Measurement Procedures

Title: Applicability of measurement procedures in soundscape context -
experiences and recommendations

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Abstract:

In the context of the ISO/TC 43/SC 1/WG 54, different aspects of soundscape will be subject to standardization. Besides a standardized soundscape definition, understanding and terminology, minimum reporting requirements for measuring soundscapes including measurement uncertainties are currently discussed and will be subject to standardization later. All in all, a wide range of measurement procedures is applied for measuring, describing, documenting and analyzing soundscapes. However, several aspects of and conditions for measurements are still unclear, which limits the comparability and compatibility of soundscape investigations. It is evident that a common basis of measurement procedures is needed to bring forward current standardization efforts.

Consequently, it is very important to share experiences and knowledge about measurement procedures and their general applicability in soundscape context. A thorough discussion about the data quality achieved by certain measurement procedures is inevitable as well. Observations and experiences made in different soundscape studies regarding different measurement procedures will be presented and discussed with respect to their significance and applicability.

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