

## Special Issue

# New Indicators for Noise Management of Sustainable Urban Environments

### Message from the Guest Editors

In the last few years, the scientific community has started to investigate the possibility that health effects induced by prolonged noise exposure should be studied in conjunction with other features of noise. Among these remarkable effects are its intensity variation over time, impulsivity of events, frequency distribution, and psychoacoustic parameters. Peak levels, maximum levels, and variability can significantly influence the perception of nuisance, and citizens may complain more about single high levels of noise rather than average exposure. This can be the origin of flaws in dose–effect relationships for annoyance or sleep disturbance. This Special Issue welcomes papers focused on studying new metrics, indicators, or evaluation methods for noise exposure, and its correlation with annoyance or other health effects, thus not relying only on average exposure to noise. The new findings will support the transition toward sustainable cities and neighborhoods.

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### Guest Editors

Dr. Luca Fredianelli

Prof. Dr. Gaetano Licitra

Prof. Dr. André Fiebig

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### Deadline for manuscript submissions

closed (15 May 2025)



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*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario  
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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