

## Special Issue

# Environmental Noise Assessment and Analysis for a Sustainable Environment

### Message from the Guest Editors

The protection of the environment from the encroaching expansion of human activities needs a firm response from the entire scientific community in terms of developing a shared awareness of harmful effects on human health and on the entire ecosystem. Natural habitats, both terrestrial and aquatic, are strongly affected by human-made sounds from devices such as engines, cars, cargo ships and musical instruments. These sound sources, generally referred to as technophonies, add to acoustic diversity and often mask natural sounds. Hence, the necessity of extracting information from environments teeming with sounds requires a wide array of strategies in order to analyse, assess, predict and possibly mitigate the effects of such noise exposure on wildlife. The identification of acoustic events, new methods for soundscape assessments, studies on communication interference, and potential effects of exposure on invertebrates and vegetation are still hot topics that remain incompletely understood. This Special Issue aims to collect recent studies and solutions, bringing together researchers from different disciplines in order to provide a fuller picture of this topic.

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### Guest Editors

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### Deadline for manuscript submissions

closed (15 November 2024)



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