



## Effects on Wildlife from Changing Soundscapes

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Deadline for manuscript  
submissions:

**15 January 2025**

### Message from the Guest Editor

Soundscapes are a dynamic aggregation of their geophonic, biophonic and anthropogenic components. Changes in sound sources and their transmission properties can impact sound fields over various spatial and temporal scales. As ambient sound levels form one aspect of environment and niche space, changes in soundscape can impact species that experience these changing noise levels. This Special Issue considers the impact of noise on wildlife. Topics may include, but are not limited to: the influence on wildlife of chronic or acute additions including transportation/traffic (terrestrial or marine), construction, seismic testing and scientific exploration, conflict-zones, naval or military testing; changes in soundscapes resulting from changing climate and/or propagating conditions; changes in behavioural or physiological response of individuals, populations, or species due to soundscape modifications. Discussions of the potential for noise additions (chronic or acute) to initiate reactions to disturbance including behavioural modification or avoidance, and alterations of habitat use as a result of masking or reduced active space are also encouraged.

