



Outdoor Acoustic Propagation

Guest Editor:

Prof. Dr. Robert Eklund

Department of Culture and Society (IKOS), Linköping University, Linköping, Sweden

Deadline for manuscript submissions:

closed (15 November 2019)

Message from the Guest Editor

Previous studies have shown that acoustics differ between singing styles intended for indoor and outdoor setting—kulning exhibits clear and visible harmonics at far higher frequencies than classical head voice singing, for example. It has also been shown that physiological production mechanisms differ between different modes of singing, likely created in order to obtain and create sounds that can be carried far in a habitat with specific and special sound propagation characteristics.

This Special Issue of *Applied Science* invites researchers to submit papers that focus on but are not limited to the following topics:

- Outdoor recordings in different habitats;
- Studies of singing techniques, in indoor and outdoor settings;
- Comparison of singing techniques, acoustically;
- Studies of, and comparisons between, the physiological production mechanisms in different singing styles, with different intended setting (concert halls, forested outdoor areas, etc.);
- Studies of animal vocalizations in different habitats, e.g., high up in trees (monkeys), on the ground (lions, savannah mammals and many more).





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)