

## Special Issue

# 5th Anniversary of Acoustics and Vibrations Section—Recent Advances in Acoustics and Vibration

### Message from the Guest Editor

Acoustics and vibration represent fundamental aspects in all applied sciences, with an increasing impact on all of the applications in the industrialised world. Starting from the environmental aspects of noise and vibration pollution, moving to underwater acoustics, architectural and musical acoustics, acoustics and vibrations are widely considered and studied for different (and far) scientific fields, which include architecture, engineering, environmental sciences, but also medicine, food industry, cultural heritage, and also (recently) space technologies. In other words, an interdisciplinary approach. These two interlaced topics have been studied and communicated to the scientific community of Applied Sciences since 2016, including measurements, modelling, simulations, in a wide range of different applications.

- Linear and non-linear acoustics;
- Atmospheric, ultrasonics acoustics and aeroacoustics;
- Structural acoustics and vibration;
- Noise and environmental acoustics;
- Building acoustics;
- Psychoacoustics;
- Speech and classroom acoustics;
- Musical acoustics;
- Underwater and animal acoustics;
- Computational methods in acoustics.

---

### Guest Editor

Dr. Lamberto Tronchin

Department of Architecture, University of Bologna, 40126 Bologna, Italy

---

### Deadline for manuscript submissions

closed (31 May 2022)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/87592](https://mdpi.com/si/87592)

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

[mdpi.com/journal/  
appls](https://mdpi.com/journal/appls)





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/journal/  
applsci](https://mdpi.com/journal/applsci)



## About the Journal

### 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.

---

### Editor-in-Chief

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

---

### 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), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )