

## Special Issue

# Innovations in Audio Data: Interdisciplinary Perspectives and Applications

### Message from the Guest Editors

The rapid advancement of ICT has revolutionized the field of data processing, information retrieval, and knowledge mining in the domain of sound/audio signals. As technology continues to evolve, the integration of data-driven approaches in audio creation, analysis, and experiences has become increasingly important, influencing diverse fields such as music, film, gaming, medicine, and user-interfaces and facilitating a wide breadth of extended reality applications. The ever-increasing prominence of technology provides a unique opportunity to explore the effects of audio data use and management in artistic domains, especially in the field of audiovisual arts.

This Special Issue aims to explore the latest developments and emerging trends in the interdisciplinary area of audio data use and management. Accordingly, we invite researchers and practitioners to submit their original contributions to address the challenges and opportunities in this exciting and multi-disciplinary field.

---

### Guest Editors

Dr. Ioannis Karydis

Computer Engineering and Informatics Department, University of Patras, 26504 Rion, Greece

Dr. Ioannis Deliyannis

Department of Audio and Visual Arts, Ionian University, 49100 Corfu, Greece

---

### Deadline for manuscript submissions

closed (20 June 2024)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/188164](https://mdpi.com/si/188164)

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

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

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





# 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, Embase, CAPIus / SciFinder, and other databases.

#### Journal Rank:

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